
















# TEMPEST PRODUCT OVERVIEW

[www.siltec.pl](http://www.siltec.pl)











The technical information contained in this catalogue should be viewed as a sample only. For all current technical and pricing details, please contact Siltec for a quotation. One reason for this, is that despite the update of the catalogue, basic unit manufacturers are known to change product specifications at short notice.

SDIP-27 LEVEL A (FORMER AMSG 720B)	PICTURE
Workstation <b>SIL720-T4H</b> (based on HP 8000 CMT or DELL OptiPlex 960)	
Workstation <b>SIL720-T4</b> (customized configuration)	
USB Keyboard <b>SIL720-KL105</b> (based on HP)	
USB Keyboard with smartcard reader <b>SIL720-KL105SC</b> (based on HP/DELL)	
USB Mouse <b>SIL720-MO</b> (based on HP/DELL/Logitech)	
Headset <b>SIL720-HEADSET</b>	
Monitor LCD 17" <b>SIL720-M17</b> (based on Philips)	
Monitor LCD 19" <b>SIL720-M19</b> (based on Philips)	
Monitor LCD 19" <b>SIL720-M19</b> (based on Eizo)	
Monitor LCD 21" <b>SIL720-M21</b> (based on Eizo)	
Monitor LCD 20" <b>SIL720-M20R</b>	

<p>Laptop  <b>SIL720-L6500</b>  (based on Dell Latitude E6500)</p>	
<p>Colour inkjet printer A4  <b>SIL720-D470</b>  (based on HP OJ470)</p>	
<p>Laser printer A4  <b>SIL720-D2055d</b>  (based on HP LJ2055d)</p>	
<p>Laser printer A4  <b>SIL720-D4210dn</b>  (based on Ricoh Aficio SP4210dn)</p>	
<p>Laser printer A4  <b>SIL720-D4014</b>  (based on HP LJ4014)</p>	
<p>Colour laser printer A4  <b>SIL720-D4700</b>  (based on HP CLJ4700)</p>	
<p>Colour laser printer A4  <b>SIL720-D420dn</b>  (based on RICOH Aficio SP C420dn)</p>	
<p>Colour laser printer A3  <b>SIL720-D5550</b>  (based on HP CLJ5550)</p>	
<p>Colour inkjet printer A3 in shielded enclosure  <b>SIL720-OED7000</b>  (based on HP OJ 7000)</p>	
<p>Multifunction printer A4  <b>SIL720-D220s</b>  (based on RICOH Aficio SP C220s)</p>	

<p>Multifunction printer A3  <b>SIL720-D2030</b>  (based on Ricoh Aficio MP C2030)</p>	
<p>Large-format printer in shielded enclosure  <b>SIL720-OED5100ps</b>  (based on HP DesignJet 510ps 42")</p>	
<p>Scanner  <b>SIL720-S8300</b>  (based on HP SJ8300)</p>	
<p>Mobile Scanner  <b>SIL720-S600</b>  (based on Pentax DSmobile 600)</p>	
<p>ISDN phone  <b>SIL720-PCX253</b>  (based on Siemens Gigaset CX253)</p>	
<p>Server  <b>SIL720-SFV240</b>  (based on Sun Fire V240)</p>	
<p>Server  <b>SIL720-DL380</b>  (based on HP DL 380 G5)</p>	
<p>Thin client  <b>SIL720-SR2FS</b>  (based on Sun Ray 2FS)</p>	
<p>Switch (8 ports)  <b>SIL720-FES8516/8</b>  (based on AT 8516F/SC-50)</p>	
<p>Switch (16 ports)  <b>SIL720-FES8516/16</b>  (based on AT 8516F/SC-50)</p>	
<p>Shielded cabinet series  <b>SIL720-SzE19</b></p>	


















SDIP-27 LEVEL B (FORMER AMSG 788A)	Picture
Workstation <b>SIL788-T3H</b> (based on HP 8000 CMT)	
Workstation <b>SIL788-T4</b> (customized configuration)	
USB Keyboard <b>SIL788-KL105</b> (based on HP)	
USB Keyboard with smart card reader <b>SIL788-KL105SC</b> (based on HP/DELL)	
USB Mouse <b>SIL788-MO</b> (based on HP/DELL/Logitech)	
Trackball <b>SIL788-TM</b> (based on Logitech)	
Headset <b>SIL788-HEADSET</b>	
Monitor LCD 17" <b>SIL788-M17</b> (based on Philips)	
Monitor LCD 19" <b>SIL788-M19</b> (based on Philips)	
Monitor LCD 19" <b>SIL788-M19</b> (based on Eizo)	
Monitor LCD 21" <b>SIL788-M21</b> (based on Eizo)	

<p>Monitor LCD 24"  <b>SIL788-M24</b>  (based on Samsung)</p>	
<p>Monitor LCD 26"  <b>SIL788-M26</b>  (based on Samsung)</p>	
<p>Monitor LCD 24.1"  <b>SIL788-M24SUN</b>  (based on SUN)</p>	
<p>Monitor LCD 20"  <b>SIL788-M20R</b></p>	
<p>Laptop  <b>SIL788-L6400</b>  (based on Dell Precision M6400)</p>	
<p>Laptop  <b>SIL788-L4400</b>  (based on Dell Precision M4400)</p>	
<p>Laser printer A4  <b>SIL788-D2055d</b>  (based on HP LJ2055d)</p>	
<p>Laser printer A4  <b>SIL788-D4210dn</b>  (based on Ricoh Aficio SP4210dn)</p>	
<p>Laser printer A4  <b>SIL788-D4014</b>  (based on HP LJ4014)</p>	
<p>Laser Printer A3  <b>SIL788-D5200</b>  (based on HP LJ5200)</p>	
<p>Colour laser printer A4  <b>SIL788-D1215</b>  (based on HP CLJ CP1215)</p>	

<p>Colour laser printer A4  <b>SIL788-D420dn</b>  (based on RICOH Aficio SP C420dn)</p>	
<p>Colour laser printer A4  <b>SIL788-D4700</b>  (based on HP CLJ4700)</p>	
<p>Colour laser printer A3  <b>SIL788-D5550</b>  (based on HP CLJ5550)</p>	
<p>Colour inkjet printer A4  <b>SIL788-D470</b>  (based on HP OJ470)</p>	
<p>Colour inkjet printer A3  <b>SIL788-D7000</b>  (based on HP OJ7000)</p>	
<p>Multifunction printer A4  <b>SIL788-D220s</b>  (based on RICOH Aficio SP C220s)</p>	
<p>Multifunction printer A3  <b>SIL788-D2030</b>  (based on Ricoh Aficio MP C2030)</p>	
<p>Large-format printer  <b>SIL788-D510ps</b>  (based on HP DesignJet 510ps 42")</p>	
<p>Scanner  <b>SIL788-S8300</b>  (based on HP SJ8300)</p>	


<p>Mobile Scanner  <b>SIL788-S600</b>  (based on Pentax DSmobile 600)</p>	
<p>Telefax  <b>SIL788-UF6100</b>  (based on Panasonic UF-6100 )</p>	
<p>ISDN phone  <b>SIL788-PCX253</b>  (based on Siemens Gigaset CX253)</p>	
<p>Server  <b>SIL788-SFV240</b>  (based on Sun Fire V240)</p>	
<p>Server  <b>SIL788-DL380</b>  (based on HP DL 380 G5)</p>	
<p>Thin client  <b>SIL788-SR2FS</b>  (based on Sun Ray 2FS)</p>	
<p>Switch (16 ports)  <b>SIL788-FES8516/16</b>  (based on AT 8516F/SC-50)</p>	
<p>Shielded cabinet series  <b>SIL788-SzE19</b></p>	
<p>TEMPEST  RUGGEDISED NOTEBOOK  <b>SIL788-RN3+</b></p>	
<p>TEMPEST  RUGGEDISED TABLET PC  <b>SIL788-RT</b></p>	
<p>TEMPEST  RUGGEDISED PDA  <b>SIL788-RPDA</b></p>	

SDIP-27 LEVEL C (FORMER AMSG 784)	Picture
Workstation <b>SIL784-T3H</b> (based on HP 8000 CMT)	
USB Keyboard <b>SIL784-KL105</b> (based on HP)	
USB Keyboard with smart card reader <b>SIL784-KL105SC</b> (based on HP/DELL)	
USB Mouse <b>SIL784-MO</b> (based on HP/DELL/Logitech)	
Trackball USB <b>SIL784-TM</b> (based on Logitech)	
Headset <b>SIL784-HEADSET</b>	
Monitor LCD 17" <b>SIL784-M17</b> (based on Philips)	
Monitor LCD 19" <b>SIL784-M19</b> (based on Philips)	
Monitor LCD 19" <b>SIL784-M19</b> (based on Eizo)	
Monitor LCD 21" <b>SIL784-M21</b> (based on Eizo)	
Monitor LCD 24" <b>SIL784-M24</b> (based on Samsung)	

<p>Monitor LCD 26"  <b>SIL784-M26</b>  (based on Samsung)</p>	
<p>Monitor LCD 24.1"  <b>SIL784-M24SUN</b>  (based on SUN)</p>	
<p>Laptop  <b>SIL788-L6400</b>  (based on Dell Precision M6400)</p>	
<p>Laptop  <b>SIL788-L4400</b>  (based on Dell Precision M4400)</p>	
<p>Laser printer A4  <b>SIL784-D2055d</b>  (based on HP LJ2055d)</p>	
<p>Laser printer A4  <b>SIL784-D4210dn</b>  (based on Ricoh Aficio SP4210dn)</p>	
<p>Laser printer A4  <b>SIL784-D4014</b>  (based on HP LJ4014)</p>	
<p>Laser printer A3  <b>SIL784-D5200</b>  (based on HP LJ5200)</p>	
<p>Colour laser printer A4  <b>SIL784-D1215</b>  (based on HP CLJ CP1215)</p>	
<p>Colour laser printer A4  <b>SIL784-D4700</b>  (based on HP CLJ4700)</p>	

<p>Colour laser printer A4  <b>SIL784-D420dn</b>  (based on RICOH Aficio SP C420dn)</p>	
<p>Colour laser printer A3  <b>SIL784-D5550</b>  (based on HP CLJ5550)</p>	
<p>Colour inkjet printer A4  <b>SIL784-D470</b>  (based on HP OJ470)</p>	
<p>Colour inkjet printer A3  <b>SIL784-D7000</b>  (based on HP OJ7000)</p>	
<p>GelSprinter printer A4  <b>SIL784-D2500</b>  (based on RICOH GX2500)</p>	
<p>Multifunction printer A4  <b>SIL784-D220s</b>  (based on RICOH Aficio SP C220s)</p>	
<p>Multifunction printer A3  <b>SIL784-D2030</b>  (based on Ricoh Aficio MP C2030)</p>	
<p>Large-format printer  <b>SIL784-OEP510ps</b>  (based on HP DesignJet 510ps 42")</p>	
<p>Scanner  <b>SIL784-S8300</b>  (based on HP SJ8300)</p>	

<p>Mobile Scanner  <b>SIL784-S600</b>  (based on Pentax DSmobile 600)</p>	
<p>Telefax  <b>SIL788-UF6100</b>  (based on Panasonic UF-6100 )</p>	
<p>Server  <b>SIL784-SFV240</b>  (based on Sun Fire V240)</p>	
<p>Server  <b>SIL784-DL380</b>  (based on HP DL 380 G5)</p>	
<p>Thin client  <b>SIL784-SR2FS</b>  (based on Sun Ray 2FS)</p>	
<p>Switch (16 ports)  <b>SIL784-FES8516/16</b>  (based on AT series 8516F/SC-50)</p>	
<p>Router  <b>SIL784-R2811</b>  (based on Cisco 2811)</p>	
<p>Media Converter  <b>SIL784-MC115</b>  (based on AT MC115)</p>	
<p>TEMPEST  RUGGEDISED NOTEBOOK  <b>SIL784-RN3+</b></p>	
<p>TEMPEST  RUGGEDISED TABLET PC  <b>SIL784-RT</b></p>	
<p>TEMPEST  RUGGEDISED PDA  <b>SIL784-RPDA</b></p>	

ADDITIONAL TEMPEST SOLUTIONS	Picture
External media card reader <b>SIL720-FCR USB</b> <b>SIL788-FCR USB</b>	
External standard USB port adapter <b>SIL720-PDR USB</b> <b>SIL788-PDR USB</b>	
External port replicator <b>SIL720-LPT USB</b> <b>SIL788-LPT USB</b>	
UPS <b>SILTEC1600</b> (based on Fideltronik ARES1600)	
Filters <b>SIL-TFS6A 6A</b> <b>SIL-TFS10A 10A</b> <b>SIL-TFS10A 20A</b>	



# SDIP-27 Level A

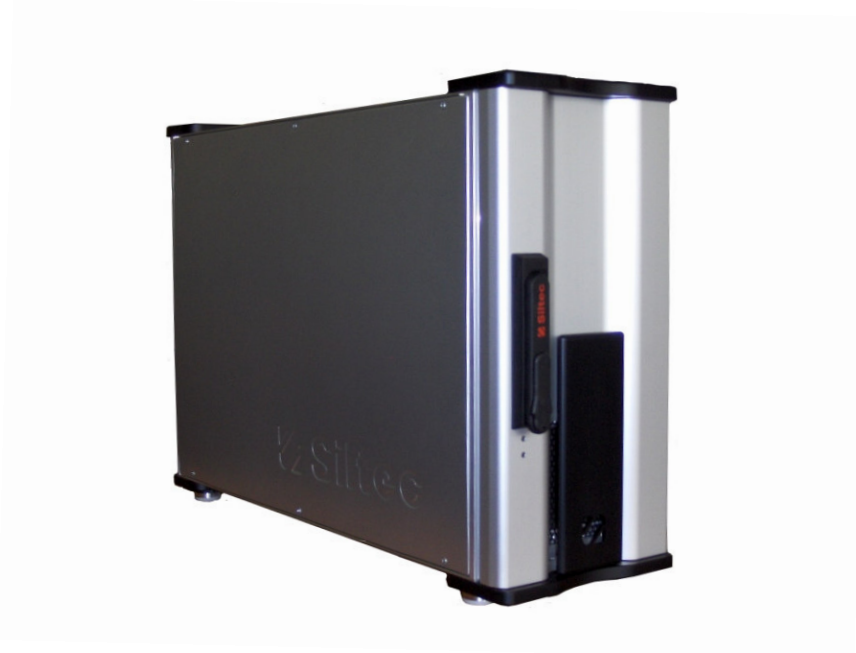
TEMPEST SDIP-27 Level A



# WORKSTATION

## SIL720-T4H

certified to SDIP-27 Level A



The **SIL720-T4H** workstation is engineered for secure office environments, featuring a serviceable platform that remains stable and consistent throughout the product life. This model offers the expandability and flexibility to meet a wide range of business requirements. The SIL720-T4H combines Intel technology with proven engineering and integration capabilities. It breaks traditional square casing design to bring you a more sensational experience.

The SIL720-T4H workstation is also featured with different external flat panel high resolution displays.

The **SIL720-T4H** workstation is built to meet **SDIP-27 Level A (former AMSS 720B)** requirement.



# SIL720-T4H WORKSTATION

## Technical Specification

### PROCESSOR

Intel Core 2 Duo E7300 (2.66GHz/FSB 1066MHz)

### CACHE MEMORY

3MB L2 Cache

### RAM

2GB (installed) / 16GB (max) - DDR II SDRAM - 800 MHz

### HARD DRIVE

250 GB removable, 7200 rpm, 8MB, SATA

### OPTICAL STORAGE

DVD-RW

FDD

### GRAPHICS CONTROLLER

Intel GMA 4500 integrated graphics

### INTERFACES

(1) serial port (DB9)

(1) video port (HD15)

(1) USB keyboard port (DB9)

(1) USB mouse port (DB9)

(4) USB ports (DB9)

### OPERATING SYSTEM

Microsoft Windows Vista Business English OEM

### REGULATIONS

SDIP-27 Level A (former AMSG 720B)



### SUGGESTED SET

SIL720-T4H Workstation

SIL720 -KL105SC Keyboard

SIL720 -MO Mouse

SIL720 -M19 LCD Monitor

SIL720 -D2055d Laser Printer

UPS Siltec 1600

Other peripherals

### OPTIONS

Additional RAM (max 16GB)

DVD, CD-ROM, CD-RW

Ethernet F/O ST 10 Mbps or 100 Mbps or 1000 Mbps

Additional HDD

Video card 256 MB, 512 MB

Media card reader

Lockable access door for media

Door/Key-open interlock (disable monitor, keyboard, mouse, on/off, reset)

Smart card reader

Metal covers for I/O ports

Hood sensor

Solenoid lock

Standard USB ports in front panel, behind the covering door



FRONT PANEL

### POSSIBLE CONFIGURATION

(5x5,25" bay, 1x3,5" bay)

1. HDD (removable)

2. HDD (removable)

3. DVD-RW

4. Media Card Reader

5. Standard USB ports panel (behind the covering door)

6. FDD



REAR VIEW

Siltec Sp. z o.o.  
E.Orzeszkowej 5  
02-374 Warsaw  
Poland

tel. (+48 22) 572-18-00  
fax: (+48 22) 823-66-46  
tempest@siltec.pl  
www.siltec.pl



# WORKSTATION

## SIL720-T4

certified to SDIP-27 Level A



Siltec is flexible and able to undertake challenging projects. Anytime there is a request for a non-standard TEMPEST computer, the company is prepared to investigate alternative solutions to meet our customers' needs. Research & Development Department provide consultation services. Should you have specialist needs, then do, please, contact our office.

The customised computers we offer are based on a well known components available on the market. The configuration includes possibility of defining parameters such as processor, motherboard, RAM, mass storage, graphic, audio, interfaces and other security options such as electronic security device (to hinder proper usage of the computer by disabling keyboard/mouse/monitor and also on/off and reset buttons while the access door to the slots is not locked), solenoid hood lock or hoodsensor.

The **SIL720-T4** workstation is built to meet **SDIP-27 Level A (former AMSG 720B)** requirement.



# SIL720-T4 WORKSTATION

## Technical Specification

- The standard build includes max 6 bays: 5 x 5.25", 1 x 3,5";
- Configuration based on computer subassemblies available on the market;
- Possible products:
  - customised computers;
  - customised servers;
  - customised workstations.

Customised computers we offer are based on a well known components available on the market. The configuration includes possibility of defining parameters such as processor, motherboard, RAM, mass storage, graphic, audio, interfaces and other security options such as electronic security device (to hinder proper usage of the computer by disabling keyboard/mouse/monitor and also on/off and reset buttons while the access door to the slots is not locked), solenoid hood lock or hoodsensor.



### SUGGESTED SET

SIL720-T4 Workstation  
SIL720-KL105SC Keyboard  
SIL720-MO Mouse  
SIL720-M19 LCD Monitor  
SIL720-D2055d Laser Printer  
UPS SILTEC 1600  
Other peripherals



FRONT PANEL



REAR VIEW

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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
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# TEMPEST KEYBOARDS

certified to SDIP-27 Level A



## SIL720-KL105

The **SIL720-KL105** keyboard represent a design extension of the successful Easy Access keyboards. Expanded configurability by allowing the keyboard to sit upon the desk at either zero-degree (flat), 6-degree or 12-degree slope through the use of the keyboards tilt legs.

### INTERFACE

USB (DB9)

### REGULATIONS

SDIP-27 Level A (former AMMSG 720B)

# TEMPEST KEYBOARDS

## SIL720-KL105SC

The **SIL720-KL105SC** is a full-sized keyboard technology that uses smartcard technology to prevent unauthorized access to computers and networks. This feature boosts security, simplifies access procedures, and reduces the costs associated with managing networks. The USB Smart Card Keyboard works with all smartcards that comply with ISO standard 7816.

Smart Cards are easy-to-use credit card-sized devices which require multiple forms of information to be validated before you gain access to your accounts or resources. Used worldwide, smartcards strengthen access to a network or other resource using dual-factor authentication. Implementing a two-factor authentication (or multi-factor authentication) process reduces the risk of unauthorized access by verifying and validating your identity in one of the following ways:

- a combination of username and password or pin,
- a Smart Card.

### INTERFACE

USB (DB9)



### REGULATIONS

SDIP-27 Level A (former AMSS 720B)



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**E.Orzeszkowej 5**  
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# USB MOUSE

## SIL720-MO

certified to SDIP-27 Level A



The **SIL720-MO** Optical USB Mouse is equipped with three buttons

- Get accurate cursor movement and superior performance from the optical sensor.
- Switch hands - this mouse fits comfortably in either your right or left hand.

The **SIL720-MO USB mouse** is built to meet **SDIP-27 Level A (former AMSG 720B)** requirement

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# HEADSET

## SIL720-HEADSET

certified to SDIP-27 Level A



The **SIL720-HEADSET** enables to listen classified data in audio format.

**INTERFACE**  
USB (DB9)

**REGULATIONS**  
SDIP-27 Level A (former AMSG 720B)

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# 17" LCD MONITOR

## SIL720-M17

certified to SDIP-27 Level A



The **SIL720-M17** monitor delivers features like SmartImage, SmartContrast, SmartControl and TrueVision.

### **Best total cost of ownership solution**

- TrueVision ensures top quality LCD display is delivered to you
- TCO'03 guarantees the highest safety and ergonomic standards

### **Outstanding front of screen performance**

- SmartImage: For an optimised display experience
- SmartContrast: Dynamic, optimised contrast for visual clarity

### **Great convenience**

- Hassle-free display performance tuning with SmartControl II

The **SIL720-M17** monitor is built to meet **SDIP-27 Level A (former AMSG 720B)** requirement.

# 17" LCD MONITOR SIL720-M17

## Technical Specifications

**DISPLAY TYPE**  
TFT-LCD

**PANEL SIZE**  
17"/ 43 cm

**VIEWING ANGLE**  
176 (H)/170 (V)

**PIXEL PITCH**  
0.264 x 0.264 mm

**BRIGHTNESS**  
250 cd/m2

**CONTRAST RATIO (typical)**  
800:1

**DISPLAY COLOURS**  
16.7 M

**RESOLUTION**  
1280 x 1024 @ 60 Hz

**HORIZONTAL SCANNING FREQUENCY**  
30 - 83 Hz

**VERTICAL SCANNING FREQUENCY**  
56 - 75 Hz

**INTERFACE**  
Signal Input : Analog (VGA)

**REGULATIONS**  
SDIP-27 Level A (former AMSG 720B)



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 **Siltec**

# 19" LCD MONITOR

## SIL720-M19

certified to SDIP-27 Level A



The **SIL720-M19** monitor delivers features like SmartImage, SmartContrast, SmartControl and TrueVision.

#### **Best total cost of ownership solution**

- TrueVision ensures top quality LCD display is delivered to you
- TCO'03 guarantees the highest safety and ergonomic standards

#### **Outstanding front of screen performance**

- SmartImage: For an optimised display experience
- SmartContrast: Dynamic, optimised contrast for visual clarity

#### **Great convenience**

- Hassle-free display performance tuning with SmartControl II

The **SIL720-M19** monitor is built to meet **SDIP-27 Level A (former AMSG 720B)** requirement.

# 19" LCD MONITOR SIL720-M19

## Technical Specifications

**DISPLAY TYPE**  
TFT-LCD

**PANEL SIZE**  
19"/ 48 cm

**VIEWING ANGLE**  
176 (H)/176 (V)

**PIXEL PITCH**  
0.294 x 0.294 mm

**BRIGHTNESS**  
250 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**  
800:1

**DISPLAY COLOURS**  
16.7 M

**RESOLUTION**  
1280 x 1024 @ 60 Hz

**HORIZONTAL SCANNING FREQUENCY**  
30 - 83 Hz

**VERTICAL SCANNING FREQUENCY**  
56 - 75 Hz

**INTERFACE**  
Signal Input : Analog (VGA)

**REGULATIONS**  
SDIP-27 Level A (former AMSG 720B)



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 **Siltec**

# 19" LCD MONITOR

## SIL720-M19

certified to SDIP-27 Level A



A high performance, versatile monitor for both still and moving image work. This is the **SIL720-M19** monitor with an upgraded BrightRegulator function that adjusts the screen brightness in accordance with changes in the ambient brightness.

The **SIL720-M19** monitor is built to meet **SDIP-27 Level A (former AMSG 720B)** requirement.



TEMPEST SDIP-27 Level A - 19" LCD MONITOR SIL720-M19

# 19" LCD MONITOR SIL720-M19

## Technical Specifications

**DISPLAY TYPE**  
TFT-LCD

**PANEL SIZE**  
19"/ 48 cm

**VIEWING ANGLE**  
178 (H)/178 (V)

**PIXEL PITCH**  
0.294 x 0.294 mm

**BRIGHTNESS**  
250 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**  
1000:1

**DISPLAY COLOURS**  
16.7 M

**RESOLUTION**  
1280 x 1024

**INTERFACE**  
Signal Input : Analog (VGA)

**REGULATIONS**  
SDIP-27 Level A (former AMSG 720B)



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 **Siltec**

# 21" LCD MONITOR

## SIL720-M21

certified to SDIP-27 Level A



This **SIL720-M21** monitor (based on EIZO FlexScan S2100) is perfect for use in offices requiring a large screen, sharp text and images, and fast response times.

The **SIL720-M21** monitor is built to meet **SDIP-27 Level A** (former **AMSG 720B**) requirement.

# 21" LCD MONITOR SIL720-M21

## Technical Specifications

**DISPLAY TYPE**  
TFT-LCD

**PANEL SIZE**  
21.3"/ 54 cm

**VIEWING ANGLE**  
178 (H)/178 (V)

**PIXEL PITCH**  
0.270 x 0.270 mm

**BRIGHTNESS**  
300 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**  
1000:1

**DISPLAY COLOURS**  
16.7 M

**RESOLUTION**  
1600 x 1200

**INTERFACE**  
Signal Input : Analog (VGA)

**REGULATIONS**  
SDIP-27 Level A (former AMSG 720B)



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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
**fax: (+48 22) 823-66-46**  
**tempest@siltec.pl**  
**www.siltec.pl**

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# 20" LCD MONITOR

## SIL720-M20R

certified to SDIP-27 Level A



Offering an ideal combination of style and functionality, the **SIL720-M20R** ensures excellent picture quality and enhanced visual experience. It delivers crisp and vivid graphics with a native resolution of up to 1600x1200 pixels and a contrast ratio of 500:1. Extensive and independent 6-color control allows precise adjustment of even a single color in an image. A one-touch button on the front panel helps you access five specialized image adjustment modes - Text, Picture, Movie, Custom and sRGB. The monitor features the Brightness Stabilization Function for ensuring stable brightness for proper display of color and 8-Bit Gamma Correction for smooth gradations of color. A five-stage adjustment smoothing function refines the jagged or blurred text or graphics, which often result from the scaling process.

The SIL720-M20R monitor is destined for console assembly.

The **SIL720-M20R** monitor is built to meet **SDIP-27 Level A (former AMSG 720B)** requirement.

# 20" LCD MONITOR SIL720-M20R

## Technical Specifications

### DISPLAY SIZE/TYPE

Type: 51 cm (20.1") TFT color LCD panel

### DISPLAY AREA

Horizontal: 16.1", Vertical: 12.0", Diagonal: 20.1"

### PIXEL PITCH

0.255 mm

### RESOLUTION

1600 x 1200

### BRIGHTNESS

250 cd/m<sup>2</sup>

### CONTRAST RATIO

500:1

### VIEWING ANGLE

Horizontal: 176°, Vertical: 176°

### FREQUENCY

Horizontal: 24kHz to 94kHz (Analog); 31 to 76kHz (Digital),  
Vertical: 49 Hz to 86 Hz Analog); 59 to 61 Hz (Digital)

### INTERFACE

Signal Input: Analog (VGA)

### REGULATIONS

SDIP-27 Level A (former AMSG 720B)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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**tempest@siltec.pl**  
**www.siltec.pl**



# NOTEBOOK

## SIL720-L6500

certified to SDIP-27 Level A



The **SIL720-L6500** notebook delivers exceptional value with many of the latest technologies and a generous set of features. Users are delighted by its long battery life and 15,4" LCD. The SIL788-L6500 is the smart choice for productivity and value.

The **SIL720-L6500** notebook is built to meet **SDIP-27 Level A (former AMSG 720B)** requirement.

# SIL720-L6500 NOTEBOOK

## Technical Specification

### PROCESSOR

Intel® Core 2 Duo P8600 (2.4 GHz, 1066MHz, 3 MB L2 cache)

### RAM

1GB, 800MHz DDR2

### HARD DRIVE

80 GB 5400rpm Hard Drive

### OPTICAL STORAGE

DVD+/-RW Drive

### DISPLAY

15,4" WXGA (1280 X 800 resolution)

### GRAPHICS CONTROLER

Intel GMA 4500MHD

### OPERATING SYSTEM

Microsoft Windows Vista Business English OEM

### INTERFACES

1 x PCMCIA (Type I or Type II)

3 x USB

1 x VGA

1 x Network F/O ST connetors

### REGULATIONS

SDIP-27 Level A (former AMSE 720B)



### OPTIONS

Processor: intel® Core 2 Duo T9600 (2.8 GHz, 1066MHz, 6 MB L2 cache)

Hard drives: 160GB, 250GB, 5400 rpm

Memory: 2GB, 4GB, 800MHz DDR2

Carrying Case

Optical Mouse

External FDD

Printer **SIL720-D470**

External media card reader **SIL720-FCR USB**

External standard USB port replicator **SIL720-PDR USB**

External port replicator **SIL720-LPT USB**

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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

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**tempest@siltec.pl**  
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# MOBILE PRINTER

## SIL720-D470

certified to **SDIP-27 Level A**



Experience true mobility with the **SIL720-D470** printer (based on HP OJ H470) new, full-featured mobile printer that delivers high-quality printing for documents and photos.

#### PRODUCT FEATURES:

- Print colour documents and true-to-life photos with 4800 x 1200 dpi using optional 6-ink color or gray pen based on HP Vivera Inks;
- Create professional business documents and print on a wide variety of media;
- Get direct photo printing from your digital camera via Pictbridge or from a memory card using the multi-format card slots, which support CompactFlash, Secure Digital and MultiMedia Card;
- Easily print photos from 4 x 6 borderless up to 8.5 x 11 with borders.

The **SIL720-D470** printer is built to meet **SDIP-27 Level A (former AMSG 720B)** requirements.

# MOBILE COLOUR INKJET PRINTER SIL720-D470

## Technical Specifications

**BLACK PRINT SPEED (normal quality mode)**

Up to 7.7 ppm

**COLOUR PRINT SPEED (draft mode)**

Up to 18 ppm

**PRINT QUALITY, black**

Up to 1200 x 1200 dpi

**PRINT QUALITY, colour**

Up to 4800 optimized dpi colour and 1200 input dpi

**MONTHLY DUTY CYCLE**

Up to 5 000 pages

**INTERFACES**

USB port, card slots for CompactFlash Type I, Secure Digital, and MultimediaCard

**PAPER HANDLING**

Input capacity: up to 50 sheets

Duplex printing: Manual (driver support provided)

**MEMORY**

32 MB

**PROCESSOR**

192 MHz

**STANDARD PRINTER LANGUAGES**

HP PCL 3 enhanced

**MEDIA TYPES**

Paper (inkjet, photo, plain), cards (greeting, index), envelopes, labels, transparencies

**REGULATIONS**

SDIP-27 Level A (former AMSG 720A)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
**fax: (+48 22) 823-66-46**  
**tempest@siltec.pl**  
**www.siltec.pl**

# LASER PRINTER A4

## SIL720-D2055d

certified to SDIP 27 level A



The **SIL720-D2055d** laser printer (based on HP LJ 2055d) is ideal for small workteams in SMBs and enterprise environments who need a fast, reliable, space-saving, black-and-white printer to produce high quality business documents easily.

Get more done in less time with this high performance black-and-white laser printer. Get print speeds of up to 33 ppm A4 and a fast first page out from low power mode with no wait Instant-on Technology.

The SIL720-D2055d is a reliable, space-saving, black-and-white printer for fast, high-quality printing.

The **SIL720-D2055d** laser printer is built to meet **SDIP-27 Level A (former AMSG 720B)** requirement.

# LASER PRINTER SIL720-D2055d

## Technical Specifications

### PRINT SPEED

Up to 35 ppm

### PRINT RESOLUTION

Up to 1200 x 1200 dpi

### DUTY CYCLE

Up to 50000 pages per month

### INTERFACES

USB port

### PAPER TRAYS

50-sheet multipurpose tray (tray 1)  
250-sheet enclosed input tray (tray 2)

### MEMORY

64 MB, (expandable to 320 MB)

### PROCESSOR

600 MHz

### DUPLEX

Automatic

### STANDARD PRINTER LANGUAGES

HP PCL 5c, HP PCL 6, HP Postscript level 3 emulation with automatic language switching

### MEDIA TYPES

Paper (bond, light, heavy, plain, recycled, rough), envelopes, labels, cardstock, transparencies, heavy media

### REGULATIONS

SDIP-27 Level A (former AMSG 720B)

### AVAILABLE MODELS

SIL720-D2055d (basic model)  
SIL720-D2055dn (basic model + F/O network 100 Mbps on ST connector)



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**Poland**

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# LASER PRINTER A4

## SIL720-D4210dn

certified to SDIP-27 Level A



The **SIL720-D4210dn** laser printer (based on Ricoh Aficio Sp4210dn) delivers impressive speed and superior black & white image quality, plus advanced security and workflow tools - all in a compact design that helps cost-conscious customers and mid-size businesses reduce total cost of ownership.

The **SIL720-D4210dn** laser printer is built to meet **SDIP-27 Level A** (former **AMSG 720B**) requirement.

# LASER PRINTER SIL720-D4210dn

## Technical Specifications

### BLACK PRINT SPEED

Up to 37 ppm

### RESOLUTION

Up to 1200 x 600 dpi

### DUTY CYCLE, MONTHLY

Up to 150 000 pages

### INTERFACES

USB port

### NETWORK

100 Mbps F/O (ST)

### PAPER TRAYS

1 x 500-Sheet Paper Tray

1 x 100-Sheet Bypass Tray

### MEMORY

256 MB (max 512 MB)

### PROCESSOR

466 Mhz

### STANDARD PRINTER LANGUAGES

PCL 6, PCL 5e, Postscript Level 3 emulation

### MEDIA TYPES

Plain Paper, Recycle Paper (Standard & Optional Paper Feed Units); Plain Paper, Thick Paper, Transparency, Recycle Paper, Envelopes (Bypass Tray); Envelopes (Envelope Feeder)

### REGULATIONS

SDIP-27 Level A (former AMSG 720B)



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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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**tempest@siltec.pl**  
**www.siltec.pl**

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# LASER PRINTER A4

## SIL720-D4014

certified to SDIP-27 Level A



The **SIL720-D4014** laser printer (based on HP LJ4014) provides high-quality print output. Compact size, ease-of-use and constant reliability make this printer a great fit for the office or business workgroup. Reduce waiting time with built-in Instant-on Technology that prints the first page out as fast as 8.5 seconds and a highly efficient print engine that delivers print speeds of up to 45 ppm. A powerful 540 MHz processor with 96 MB of printer memory (expandable to 608 MB) and Memory Enhancement technology allows optimum speed to be reached even for complex jobs.

The SIL720-D4014 printer produces consistent professional, quality documents at 1200 dpi resolution with a 175 000-page monthly duty cycle. Printer and laser print cartridge are optimised to work together, making adjustments to ensure optimal output quality throughout the life of the cartridge.

The **SIL720-D4014** laser printer is built to meet **SDIP-27 Level A (former AMSG 720B)** requirement.



# LASER PRINTER SIL720-D4014

## Technical Specifications

### PRINT SPEED

43 ppm

### RESOLUTION

1200 x 1200 dpi

### DUTY CYCLE, MONTHLY

Up to 175 000 pages

### INTERFACES

USB port

### PAPER TRAYS

100-sheet multipurpose tray

500-sheet input tray

### MEMORY

96 MB (max 608 MB)

### PROCESSOR

540 MHz

### STANDARD PRINTER LANGUAGES

HP PCL 6, HP PCL 5e, HP Postscript Level 3 emulation, direct PDF(v 1.4) printing

### MEDIA TYPES

Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, user-defined

### REGULATIONS

SDIP-27 Level A (former AMSG 720B)

### AVAILABLE MODELS

SIL720-D4014 (basic model)

SIL720-D4014d (basic model + duplex)

SIL720-D4014dn (basic model + duplex + F/O network 100 Mbps on ST connectors)



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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

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# COLOUR LASER PRINTER A4

## SIL720-D4700

certified to SDIP-27 level A



The **SIL720-D4700** laser printer (based on HP LJ 4700) provides high-quality print output. Compact size, ease-of-use and constant reliability make this printer a great fit for the office or small business workgroup. Reduce waiting time with built-in Instant-on Technology that prints the first page out as fast as 10 seconds and a highly efficient print engine that delivers print speeds of up to 30 ppm. A powerful 533 MHz processor with 128 MB of printer memory (expandable to 512 MB) and Memory Enhancement technology allows optimum speed to be reached even for complex jobs.

The SIL720-D4700 printer produces consistent professional, quality documents at 600 dpi resolution with a 100 000-page monthly duty cycle. Printer and laser print cartridge are optimised to work together, making adjustments to ensure optimal output quality throughout the life of the cartridge.

Featuring an enhanced, compact design with no protruding trays, the SIL720-D4700 printer lets you print simply and conveniently saving valuable office space.

The **SIL720-D4700** laser printer is built to meet **SDIP-27 Level A (former AMSG 720B)** requirement.

# COLOUR LASER PRINTER SIL720-D4700

## Technical Specifications

**BLACK PRINT SPEED**

Up to 30 ppm

**COLOUR PRINT SPEED**

Up to 30 ppm

**PRINT RESOLUTION**

Up to 600 x 600 dpi

**DUTY CYCLE**

Up to 100 000 pages

**INTERFACES**

USB port

**PAPER TRAYS**

1 x 100 - sheet multipurpose  
1 x 500 sheet feeder

**MEMORY**

128 MB (max 512 MB)

**PROCESSOR**

533 MHz

**STANDARD PRINTER LANGUAGE**

HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation, direct PDF printing v 1.4

**MEDIA TYPES**

Paper (plain, bond, color, letterhead, pre-printed, recycled, HP Tough i High-gloss Laser ), envelops, transparencies, labels, cardstock)

**REGULATIONS**

SDIP 27-Level A (former AMSG 720B)

**AVAILABLE MODELS**

SIL720-D4700 (basic model)

SIL720-D4700n (basic model + duplex)

SIL720-D4700dn (basic model + duplex + F/O network 100 Mbps on ST connectors)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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# LASER PRINTER A4

## SIL720-D420dn

certified to SDIP-27 Level A



The **SIL720-D420dn** laser printer (based on Aficio™ SP C420DN) keeps total cost of ownership to an absolute minimum. Producing top quality colour prints at high speeds, this advanced colour print solution gives a true competitive edge.

- Superb productivity: short warm-up and high print speeds
- Reduced paper consumption with built-in duplexing
- Exceptional paper handling and media support
- Superior colour quality
- User friendly operation

The **SIL720-D420dn** laser printer is built to meet **SDIP-27 Level A (former AMSG 720B)** requirement.

# LASER PRINTER SIL720-D420dn

## Technical Specifications

### BLACK and COLOUR PRINT SPEED

Up to 30 ppm

### DUTY CYCLE

Up to 150 000 pages per months

### INTERFACE

USB port

### NETWORK

100 Mbps F/O ST

### PAPER TRAYS

1 x 100-sheet bypass tray

1 x 550-sheet paper tray

### MEMORY

256 MB (max 512 MB)

### PROCESSOR

800 MHz

### PRINTER LANGUAGE / RESOLUTION

PCL5c: 600 x 600 dpi

PCL6, Adobe® PostScript® 3™, RPCS™: 600 x 600 dpi/1,200 x 600 dpi/1,200 x 1,200 dpi

### MEDIA TYPES

Plain paper, thick paper, thin paper, recycled paper, waterproof paper, coated paper, laser printer labels, envelopes, colour paper, letterheads, labels, OHP transparencies, glossy paper, bond, pre-printed paper, cardstock

### REGULATIONS

SDIP 27-Level A (former AMSG 720)



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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
**fax: (+48 22) 823-66-46**  
**tempest@siltec.pl**  
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# COLOUR LASER PRINTER A3

## SIL720-D5550

certified to SDIP-27 Level A



Very economical and highly productive, all-purpose laser printer for colour printouts of high quality.

**SIL720-D5550** printer (based on HP LJ5550) can create accurate colour, precise drawings, and great images up to A3 size. Featuring HP Imageret 3600, a suite of advanced printing technologies, the printer automatically provides professional, superior print quality. Plus, the uniform size and spherical shape of HP toner particles in HP Color LaserJet Smart print cartridges ensure a broad range of colors and precise placement for accurate colour and excellent image reproduction.

With printing speeds up to 27 pages per minute (ppm), and a first-page-out speed of under 16 seconds, you will never have to wait long for your documents. Expand your printing potential and print even complex documents with images in no time with a 533 MHz processor and 128 MB RAM.

The **SIL720-D5550** colour laser printer is built to meet **SDIP-27 Level A (former AMSG 720B)** requirement.

# COLOUR LASER PRINTER A3 SIL720-D5550

## Technical Specifications

### PRINT SPEED

Black A4: 27 ppm  
Color A4: 27 ppm

### RESOLUTION

600 x 600 dpi

### DUTY CYCLE, MONTHLY

Up to 120 000 pages per month

### INTERFACES

USB port

### PAPER TRAYS

1 x 100-sheet multipurpose,  
1 x 500-sheet feeder

### MEMORY

128 MB (max 512 MB)

### PROCESSOR

533 MHz

### STANDARD PRINTER LANGUAGES

HP PCL 6, HP PCL 5c (HP PCL 5c driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v1.3)

### MEDIA TYPES

Letter, legal, executive, 11 x 17 in, ledger, envelopes (No. 10, Monarch), statement

### REGULATIONS

SDIP-27 Level A (former AMSG 720B)

### AVAILABLE MODELS

SIL720-D5550 (basic model)  
SIL720-D5550n (basic model + F/O network 100 Mbps on ST connectors)  
SIL720-D5500dn (basic model + duplex + F/O network 100 Mbps on ST connectors)



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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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**tempest@siltec.pl**  
**www.siltec.pl**

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# COLOUR INKJET PRINTER

## SIL720-OED7000

certified to SDIP-27 Level A



Affordable and proven versatile printing for output on larger format media up to A3+ with this reliable, easy-to-use colour inkjet printer.

The **SIL720-OED7000** colour inkjet printer delivers professional print quality and performance on a wide choice of media.

The **SIL720-OED7000** printer is built to meet **SDIP-27 Level A (former AMSG 720B)** requirement.

# COLOUR INKJET PRINTER SIL720-OED7000

## Technical Specifications

**BLACK PRINT SPEED (normal quality mode)**

9.1 ppm

**COLOUR PRINT SPEED (normal quality mode)**

5,5 ppm

**PRINT QUALITY, black**

Up to 1200 x 1200 dpi

**PRINT QUALITY, colour**

4800 x 1200 dpi

**MONTHLY VOLUME:**

Up to 5 000 pages per month

**INTERFACES**

USB port

**TOTAL MEDIA CAPACITY**

Up to 150 sheets

**MEMORY**

32 MB

**PROCESSOR**

96 MHz

**STANDARD PRINTER LANGUAGES**

HP PCL 3 enhanced

**MEDIA TYPES**

Banners, envelopes, greeting cards, iron-on transfers, labels, photo paper, plain paper, transparencies

**REGULATIONS**

SDIP-27 Level A (former AMSG 720B)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

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# MULTIFUNCTION PRINTER A4

## SIL720-D220s

certified to SDIP-27 Level A



The **SIL720-D220s** colour multifunction printer (based on Ricoh Aficio SP C220s) delivers affordable multitasking. It is compact, easy to use and provides tools for office productivity in accurate, attractive colour.

The **SIL720-D220s** colour multifunction printer is built to meet **SDIP-27 Level A** (former **AMSG 720B**) requirement.

# COLOUR MULTIFUNCTION PRINTER A4 SIL720-D220s

## Technical Specifications

### PRINT SPEED

Copying: 16 copies-per-minute  
Printing: 16 ppm

### RESOLUTION

600 x 600 dpi

### INTERFACE

USB port

### NETWORK

100 Mbps F/O ST

### PAPER INPUT CAPACITY

1 x 250-sheet tray,  
1 x sheet bypass tray

### PAPER OUTPUT CAPACITY

150 sheets

### PAPER SIZE

Copier: A6 - A4  
Scanner: maximum A4

### MEMORY

128 MB

### REGULATIONS

SDIP-27 Level A (former AMSG 720B)



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**02-374 Warsaw**  
**Poland**

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# MULTIFUNCTION PRINTER A3

## SIL720-D2030

certified to SDIP-27 Level A



With the **SIL720-D2030** colour multifunction printer (based on Ricoh Aficio MP C2030) cost-conscious users can produce outstanding black & white documents and add affordable, yet eye-catching color, when they need it most. For all your critical workflows, the SIL720-D2030 helps you meet your deadlines, communicate with your customers.

The **SIL720-D2030** colour multifunction printer is built to meet **SDIP-27 Level A** (former **AMSG 720B**) requirement.

# COLOUR MULTIFUNCTION PRINTER A3 SIL720-D2030

## Technical Specifications

### PRINT SPEED

Copying: 20 copies-per-minute

Printing: 20 ppm

### RESOLUTION

600 x 600 dpi

### INTERFACE

USB port

### NETWORK

100 Mbps F/O ST

### PAPER INPUT CAPACITY

2 x 250-sheet tray,

1 x 100-sheet bypass tray

### PAPER OUTPUT CAPACITY

Maximum: 550 sheets

### PAPER SIZE

Copier: A6 - A3

Scanner: A5 - A3

### MEMORY

512 MB

### PROCESSOR

400 MHz

### REGULATIONS

SDIP-27 Level A (former AMSG 720B)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

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# LARGE-FORMAT COLOUR INKJET PRINTER

## SIL720-OED510ps

certified to SDIP-27 Level A



The **SIL720-OED510ps** is a high-quality, large-format color printer for technical and business customers who need illustrations, schematics, drawings, plans, or presentations.

The SIL720-OED510ps provides you with:

- separate ink cartridges for lower cost per copy and limited user interaction;
- easy-to-follow control panel for simplified user interaction;
- smart supplies monitor ink usage and printhead status;
- USB connection, plus network capability.

The **SIL720-OED510ps** colour inkjet printer is built to meet **SDIP-27 Level A** (former **AMSG 720B**) requirement.

# LARGE-FORMAT COLOUR INKJET PRINTER SIL720-OED510ps

## Technical Specifications

### PRINT SPEED

Line Drawings: 90 seconds (fast mode); Color Images: 85 ft<sup>2</sup>/hr (fast mode), 36 ft<sup>2</sup>/hr (normal), 21 ft<sup>2</sup>/hr (best)

### RESOLUTION

1200 x 600 dpi

### MEMORY

32 MB (max 128 MB)

### MEDIA

Paper (plain, inkjet, coated, heavyweight coated, high-gloss, semi-gloss, natural tracing, photo), Clear film, Matte film

### INTERFACES

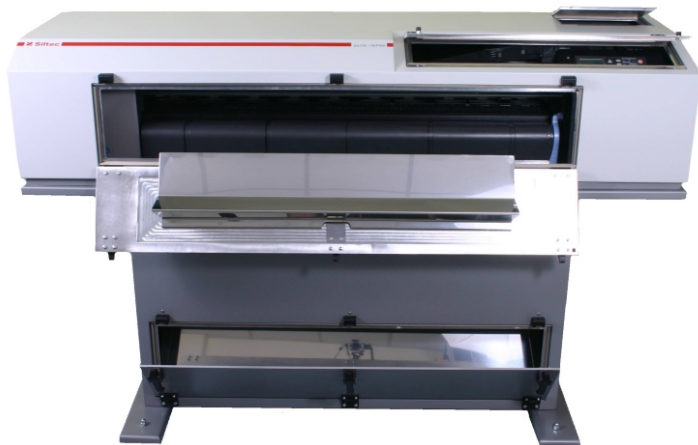
USB port

### STANDARD PRINTER LANGUAGES

PCL3, PostScript 3

### REGULATIONS

SDIP-27 Level A (former AMSG 720B)



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**Poland**

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# SCANNER

## SIL720-S8300

certified to SDIP-27 Level A



Create high-resolution, professional scans for graphics, photos and documents with the versatile **SIL720-S8300** Professional Image Scanner. Ideal for the high-end general office user or graphics professional, the SIL720-S8300 easily performs common tasks such as email, scan to PDF, copies and more with front panel one-touch buttons. With HP's triple-sensor scanning technology and high-quality optics, this scanner delivers graphic professionals excellent image quality while maintaining fast and quiet operation. The SIL720-S8300 scanner adjusts resolution to fit the job, from 75-dpi up to 4800-dpi for professional-quality images.

The professional SIL720-S8300 image scanner is able to edit photos with included HP Photosmart software with HP Real Life technology and Adobe Photoshop Elements software. Additionally the SIL720-S8300 scans and archives 35 mm slides and negatives or medium- and large-format film using a built-in transparent materials adapter.

The **SIL720-S8300** scanner is built to meet **SDIP-27 Level A (former AMSG 720B)** requirement.

# SCANNER SIL720-S8300

## Technical Specifications

**SCANNER TYPE**

Flatbed

**OPTICAL RESOLUTION**

4800 x 4800 dpi

**MAXIMUM SCAN SIZE**

8.5" x 14"

**CONTROL PANEL**

4 task buttons, scan-to destination button, Copy button with number of copies & color/black-and-white selectors, Power button, cancel button, settings button, LCD display

**BIT DEPTH**

48-bit Color, 8-bit Grayscale

**SCAN SIZE MAXIMUM**

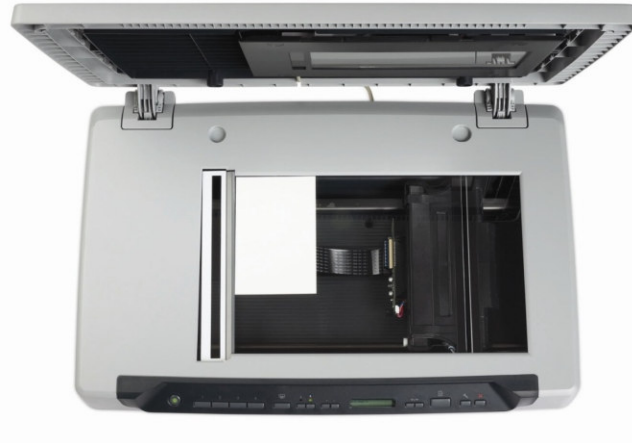
8.5 x 14 in (216 x 356 mm)

**INTERFACES**

USB port

**REGULATIONS**

SDIP-27 Level A (former AMSG 720B)



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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
**fax: (+48 22) 823-66-46**  
**tempest@siltec.pl**  
**www.siltec.pl**

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# MOBILE SCANNER

## SIL720-S600

certified to SDIP-27 Level A



When exceptional quality scanning is a must and space is an issue – reach for the perfect solution – The **SIL720-S600** scanner (based on Pentax Dsmobile 600).

The SIL720-S600 mobile scanner is colour scanner for high-quality images and documents which can be used in the office or on the road.

One touch of the button on the on the SIL720-S600 will launch your choice of compatible scanning programs. Make a preferred scanning program your default and that one touch will initiate that program.

The **SIL720-S8300** scanner is built to meet **SDIP-27 Level A (former AMMSG 720B)** requirement.

# MOBILE SCANNER SIL720-S600

## Technical Specifications

### OPTICAL RESOLUTION

600 dpi

### MAXIMUM SCAN SIZE

8.5" x 14" (216 x 356 mm)

### BIT DEPTH

48-bit colour internally, outputs 24-bit

8-bit gray scale

1-bit black and white

### SCAN SIZE MAXIMUM

8.5 x 14 in (216 x 356 mm)

### INTERFACES

USB port

(no external power supply needed)

### REGULATIONS

SDIP-27 Level A (former AMSG 720B)



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**Poland**

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# ISDN PHONE

## SIL720-PCX253

certified to SDIP-27 Level A



The **SIL720-PCX253** ISDN phone (based on Siemens Gigaset CX203) delivers unique features like:

- Hands free and speaker functions
- 4 direct dialing keys
- Integrated answering machine
- Multilingual menu

The **SIL720-PCX253** ISDN phone is built to meet **SDIP-27 Level A** (former **AMSG 720B**) requirement.

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**Poland**

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# TEMPEST NETWORK EQUIPMENT

certified to SDIP-27 Level A

## SERVERS

The **SIL720-SF V240** server maximizes compute power and data center space, boosts high-speed network connectivity, and serves as a secure and powerful expansion platform.



The **SIL720-DL380** server is an affordable, flexible network attached storage solution delivering quick and simple storage with multi-protocol file support and storage management for enterprise and workgroup environments. It provides excellent storage management, data



## SWITCH

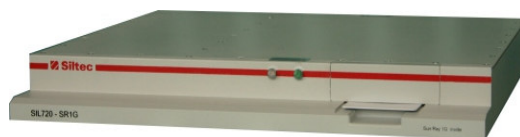
The **SIL720-FES8516/16** is a managed switch that brings enhanced security and Layer 2-4 intelligence to networks, offers advanced attack detection and suppression capabilities for increased security and advanced QoS to support converged applications.



TEMPEST SDIP-27 Level A - NETWORK EQUIPMENT

# THIN CLIENT

The thin client **SIL720-SR2FS** provide customers with an interoperable desktop computing solution that reduces the maintenance, upgrade, and operational costs associated with most "fat" PC client environments.



The stateless nature of SIL720-SR2SF thin client allows for complete session mobility, improves workflow, and helps ensure the protection of data. Because there is no operating system on the desktop, users can access any application running on the server. Smart cards let users access their sessions from any desktop unit within their workgroup.

The SIL720-SR2FS thin client process only keyboard input and screen output, leaving all of the application processing and storage to the server. The user is greeted with a rich, simple experience, while the administrator is rewarded with a centrally managed and reliable environment. The **SIL720-SR2FS** thin client is simple "plug-and-work," zero administration devices, much like the telephone. And as such, they are completely stateless, meaning they are always on, readily accessible, and easily replaceable.

**Siltec is flexible and able to undertake challenging projects. Anytime there is a request for a non-standard TEMPEST server, the company is prepared to investigate available on the market solutions to meet our customers needs. Research & Development Department provide consultation services. Should you have specialist needs, then do, please, contact our office.**

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**Poland**

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# SHIELDED CABINET SERIES

## SIL 720-SzE19

certified to SDIP-27 Level A



The **SIL720-SzE19 shielded cabinet** series are designed to offer high levels of shielding requirements, where potentially compromising electronic signals need to be protected. Placing standard electronic equipment within our high performance shielded cabinet will allow the NATO SDIP-27 Level A standard to be met.

Shielded cabinets are available in several standard dimensions and designed to meet required specifications in government, industry, research and development use.

Customized shielded cabinets are available in custom-designed modular enclosures to meet required specifications.

The **SIL720-SzE19 shielded cabinet** series are built to meet **SDIP-27 Level A (former AMSG 720B)** requirement.



# SHIELDED CABINET SERIES SIL720-SzE19

## Technical Specification

The **SIL720-SzE19 shielded cabinet** series are widely used as passive electromagnetic protectors for secure data processing and provide safe and convenient operation, proper work of protected equipment installed inside and good communication between inside and outside.

Depending on customer requirements **SIL720-SzE19 shielded cabinet** series can protect following equipments:

- workstations,
- servers,
- network equipment,
- printers,
- faxes,
- converters,
- plotters,
- and other IT devices.

**SIL720-SzE19 shielded cabinet series can be equipped with:**

- slide or fixed shelf,
- additional filters,
- internal lighting,
- alarm sensor,
- different types of closing,
- shielded windows,
- additional vents



### REGULATIONS

SDIP-27 Level A (former AMSE 720B)

### EXAMPLE OF AVAILABLE DIMENSIONS

#### SIL720-SzE1916Sch600

rack 19", 16U,

External Dimension H=1040mm, W=600mm, D=600mm

Internal Dimension H=700mm, W=445mm, D=400mm

#### SIL720-SzE1933Sch600

rack 19", 33U,

External Dimension: H=1796mm, W=600mm, D=600mm

Internal Dimension: H=1452mm, W=445mm, D=400mm

#### SIL720-SzE1916Sch800

rack 19", 16U,

External Dimension: H=1040mm, W=600mm, D=800mm

Internal Dimension: H=700mm, W=445mm, D=600mm

#### SIL720-SzE1933Sch800

rack 19", 33U,

External Dimension: H=1796mm, W=600mm, D=800mm

Internal Dimension: H=1452mm, W=445mm, D=600mm

#### SIL720-SzE1916Sch1000

rack 19", 16U,

External Dimension: H=1040mm, W=600mm, D=1000mm

Internal Dimension: H=700mm, W=445mm, D=800mm

#### SIL720-SzE1933Sch1000

rack 19", 33U,

External Dimension: H=1796mm, W=600mm, D=1000mm

Internal Dimension: H=1452mm, W=445mm, D=800mm



**Other dimensions available on the request.**

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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

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# SDIP-27

## Level B

TEMPEST SDIP-27 Level B



# WORKSTATION

## SIL788-T3H

certified to SDIP-27 Level B



The **SIL788-T3H** workstation is engineered for secure office environments, featuring a serviceable platform that remains stable and consistent throughout the product life. This model offers the expandability and flexibility to meet a wide range of business requirements. The SIL788-T3H combines Intel technology with proven engineering and integration capabilities.

The SIL788-T3H workstation is also featured with different external flat panel high resolution displays.

The **SIL788-T3H** workstation is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# SIL788-T3H WORKSTATION

## Technical Specification

### PROCESSOR

Intel Core 2 Duo E7300 (2.66GHz/FSB 1066MHz)

### CACHE MEMORY

3MB L2 Cache

### RAM

2 GB (installed) / 16GB (max) - DDR II SDRAM - 800 MHz

### HARD DRIVE

250 GB removable, 7200 rpm, 8MB, SATA

### OPTICAL STORAGE

DVD-RW

FDD

### GRAPHICS CONTROLLER

Intel GMA 4500 integrated graphics

### INTERFACES

(1) serial port (DB9)

(1) video port (HD15)

(1) USB keyboard port (DB9)

(1) USB mouse port (DB9)

(4) USB ports (DB9)

### OPERATING SYSTEM

Microsoft Windows Vista Business English OEM

### REGULATIONS

SDIP-27 Level B (former AMSE 788A)



### SUGGESTED SET

SIL788-T3H Workstation

SIL788-KL105SC Keyboard

SIL788-MO Mouse

SIL788-M19 LCD Monitor

SIL788-D2055d Laser Printer

UPS SILTEC 1600

Other peripherals

### OPTIONS

Additional RAM (max 16GB)

DVD, CD-ROM, CD-RW

Ethernet F/O ST 10 Mbps or 100 Mbps or 1000 Mbps

Additional HDD

Video card 256 MB, 512 MB

Media card reader

Smart card reader

Metal covers for I/O ports

Hood sensor

Solenoid lock

### POSSIBLE CONFIGURATION

(3x5,25" bay, 1x3,5" bay)

1. HDD (removable)

2. DVD-RW

3. Media card reader

4. FDD

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**02-374 Warsaw**  
**Poland**

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# WORKSTATION

## SIL788-T4

### CUSTOMISED CONFIGURATION

certified to **SDIP-27 Level B**



Siltec is flexible and able to undertake challenging projects. Anytime there is a request for a non-standard TEMPEST computer, the company is prepared to investigate alternative solutions to meet our customers needs. Research & Development Department provide consultation services. Should you have specialist needs, then do, please, contact our office.

The customised computers we offer are based on a well known components available on the market. The configuration includes possibility of defining parameters such as processor, motherboard, RAM, mass storage, graphic, audio, interfaces and other security options such as electronic security device (to hinder proper usage of the computer by disabling keyboard/mouse/monitor and also on/off and reset buttons while the access door to the slots is not locked), solenoid hood lock or hoodsensor.

The **SIL788-T4** workstation is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.



# SIL788-T4 WORKSTATION

## Technical Specification

- The standard build includes max 6 bays: 5 x 5.25", 1 x 3,5";
- Configuration based on computer subassemblies available on the market;
- Possible products:
  - customised computers;
  - customised servers;
  - customised workstations.

The customised computers we offer are based on a well known components available on the market. The configuration includes possibility of defining parameters such as processor, motherboard, RAM, mass storage, graphic, audio, interfaces and other security options such as electronic security device (to hinder proper usage of the computer by disabling keyboard/mouse/monitor and also on/off and reset buttons while the access door to the slots is not locked), solenoid hood lock or hoodsensor.



### SUGGESTED SET

SIL788-T4 Workstation  
SIL788-KL105SC Keyboard  
SIL788-MO Mouse  
SIL788-M19 LCD Monitor  
SIL788-D2055d Laser Printer  
UPS SILTEC 1600  
Other peripherals



FRONT PANEL



REAR VIEW

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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

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# TEMPEST KEYBOARDS

certified to SDIP-27 Level B



## SIL788-KL105

The **SIL788-KL105** keyboard represent a design extension of the successful Easy Access keyboards. Expanded configurability by allowing the keyboard to sit upon the desk at either zero-degree (flat), 6-degree or 12-degree slope through the use of the keyboards tilt legs.

### INTERFACE

USB (DB9)

### REGULATIONS

SDIP-27 Level B (former AMSG 788)

# TEMPEST KEYBOARDS

## SIL788-KL105SC

The **SIL788-KL105SC** is a full-sized keyboard technology that uses smartcard technology to prevent unauthorized access to computers and networks. This feature boosts security, simplifies access procedures, and reduces the costs associated with managing networks. The USB Smart Card Keyboard works with all smartcards that comply with ISO standard 7816.

Smart Cards are easy-to-use credit card-sized devices which require multiple forms of information to be validated before you gain access to your accounts or resources. Used worldwide, smartcards strengthen access to a network or other resource using dual-factor authentication. Implementing a two-factor authentication (or multi-factor authentication) process reduces the risk of unauthorized access by verifying and validating your identity in one of the following ways:

- a combination of username and password or pin,
- a Smart Card.

### INTERFACE

USB (DB9)



### REGULATIONS

SDIP-27 Level B (former AMSG 788)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
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# USB MOUSE

## SIL788-MO

certified to SDIP-27 Level B



The **SIL788-MO** Optical USB Mouse is equipped with three buttons.

- Get accurate cursor movement and superior performance from the optical sensor.
- Switch hands - this mouse fits comfortably in either your right or left hand.

The **SIL788-MO** Optical Mouse is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement

# USB MOUSE

## SIL788-TM

certified to SDIP-27 Level B



- Patented optical marble technology delivers superior precision, reduced wear and smooth tracking, even if the trackball gets dirty.
- Made with the quality of Logitech, the world's largest manufacturer of mice and trackballs

The **SIL788-TM** USB mouse is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement

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Siltec Sp. z o.o.  
E.Orzeszkowej 5  
02-374 Warsaw  
Poland

tel. (+48 22) 572-18-00  
fax: (+48 22) 823-66-46  
tempest@siltec.pl  
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# HEADSET

## SIL788-HEADSET

certified to SDIP-27 Level B



The **SIL788-HEADSET** enables to listen classified data in audio format.

**INTERFACE**  
USB (DB9)

**REGULATIONS**  
SDIP-27 Level B (former AMSG 788A)

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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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**tempest@siltec.pl**  
**www.siltec.pl**



# 17" LCD MONITOR

## SIL788-M17

certified to SDIP-27 Level B



The **SIL788-M17** monitor delivers features like SmartImage, SmartContrast, SmartControl and TrueVision.

#### **Best total cost of ownership solution**

- TrueVision ensures top quality LCD display is delivered to you
- TCO'03 guarantees the highest safety and ergonomic standards

#### **Outstanding front of screen performance**

- SmartImage: For an optimised display experience
- SmartContrast: Dynamic, optimised contrast for visual clarity

#### **Great convenience**

- Hassle-free display performance tuning with SmartControl II

The **SIL788-M17** monitor is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# 17" LCD MONITOR SIL788-M17

## Technical Specifications

**DISPLAY TYPE**  
TFT-LCD

**PANEL SIZE**  
17"/ 43 cm

**VIEWING ANGLE**  
176 (H)/170 (V)

**PIXEL PITCH**  
0.264 x 0.264 mm

**BRIGHTNESS**  
250 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**  
800:1

**DISPLAY COLOURS**  
16.7 M

**RESOLUTION**  
1280 x 1024 @ 60 Hz

**HORIZONTAL SCANNING FREQUENCY**  
30 - 83 Hz

**VERTICAL SCANNING FREQUENCY**  
56 - 75 Hz

**INTERFACE**  
Signal Input : Analog (VGA)

**REGULATIONS**  
SDIP-27 Level B (former AMSE 788A)



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**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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# 19" LCD MONITOR

## SIL788-M19

certified to SDIP-27 Level B



The **SIL788-M19** monitor delivers features like SmartImage, SmartContrast, SmartControl and TrueVision.

#### **Best total cost of ownership solution**

- TrueVision ensures top quality LCD display is delivered to you
- TCO'03 guarantees the highest safety and ergonomic standards

#### **Outstanding front of screen performance**

- SmartImage: For an optimised display experience
- SmartContrast: Dynamic, optimised contrast for visual clarity

#### **Great convenience**

- Hassle-free display performance tuning with SmartControl II

The **SIL788-M19** monitor is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# 19" LCD MONITOR SIL788-M19

## Technical Specifications

**DISPLAY TYPE**  
TFT-LCD

**PANEL SIZE**  
19"/ 48 cm

**VIEWING ANGLE**  
176 (H)/176 (V)

**PIXEL PITCH**  
0.294 x 0.294 mm

**BRIGHTNESS**  
250 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**  
800:1

**DISPLAY COLOURS**  
16.7 M

**RESOLUTION**  
1280 x 1024 @ 60 Hz

**HORIZONTAL SCANNING FREQUENCY**  
30 - 83 Hz

**VERTICAL SCANNING FREQUENCY**  
56 - 75 Hz

**INTERFACE**  
Signal Input : Analog (VGA)

**REGULATIONS**  
SDIP-27 Level B (former AMSE 788A)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

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# 19" LCD MONITOR

## SIL788-M19

certified to SDIP-27 Level B



A high performance, versatile monitor for both still and moving image work. This is the **SIL788-M19** monitor with an upgraded BrightRegulator function that adjusts the screen brightness in accordance with changes in the ambient brightness.

The **SIL788-M19** monitor is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# 19" LCD MONITOR SIL788-M19

## Technical Specifications

**DISPLAY TYPE**  
TFT-LCD

**PANEL SIZE**  
19"/ 48 cm

**VIEWING ANGLE**  
178 (H)/178 (V)

**PIXEL PITCH**  
0.294 x 0.294 mm

**BRIGHTNESS**  
250 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**  
1000:1

**DISPLAY COLOURS**  
16.7 M

**RESOLUTION**  
1280 x 1024

**INTERFACE**  
Signal Input : Analog (VGA)

**REGULATIONS**  
SDIP-27 Level B (former AMSG 788A)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

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# 21" LCD MONITOR

## SIL788-M21

certified to SDIP-27 Level B



This **SIL788-M21** monitor is perfect for use in offices requiring a large screen, sharp text and images, and fast response times.

The **SIL788-M21** monitor is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# 21" LCD MONITOR SIL788-M21

## Technical Specifications

**DISPLAY TYPE**  
TFT-LCD

**PANEL SIZE**  
21.3"/ 54 cm

**VIEWING ANGLE**  
178 (H)/178 (V)

**PIXEL PITCH**  
0.270 x 0.270 mm

**BRIGHTNESS**  
300 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**  
1000:1

**DISPLAY COLOURS**  
16.7 M

**RESOLUTION**  
1600 x 1200

**INTERFACE**  
Signal Input : Analog (VGA)

**REGULATIONS**  
SDIP-27 Level B (former AMSG 788A)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

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 **Siltec**

# 24" LCD MONITOR

## SIL788-M24

certified to SDIP-27 Level B



With a wider range of depth and expression the **SIL788-M24** monitor offers you the ability to take a more expansive view of your world. With its phenomenal resolution, response time and image clarity, it pushes you to the limits of your potential. With SIL788-M24 it's not hard to imagine.

The **SIL788-M24** monitor is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.



# 24" LCD MONITOR SIL788-M24

## Technical Specifications

**DISPLAY TYPE**

TFT-LCD widescreen

**PANEL SIZE**

24"

**VIEWING ANGLE**

160 (H)/170 (V)

**PIXEL PITCH**

0.27 mm

**BRIGHTNESS**

300 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**

1000:1

**DISPLAY COLOURS**

16.7 M

**RESOLUTION**

1920 x 1080

**INTERFACE**

Signal Input : Analog (VGA)

**REGULATIONS**

SDIP-27 Level B (former AMSG 788A)



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Siltec Sp. z o.o.  
E.Orzeszkowej 5  
02-374 Warsaw  
Poland

tel. (+48 22) 572-18-00  
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tempest@siltec.pl  
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# 26" LCD MONITOR

## SIL788-M26

certified to SDIP-27 Level B



The **SIL788-M26** monitor has everything that you need. With a Height Adjustable Stand (HAS), built-in-speakers, HDMI technology, full 1080p input and fast response time, you will be able to power through a work day.

The **SIL788-M26** monitor is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# 26" LCD MONITOR SIL788-M26

## Technical Specifications

**DISPLAY TYPE**  
TFT-LCD

**PANEL SIZE**  
25.5"

**VIEWING ANGLE**  
160 (H)/160 (V)

**PIXEL PITCH**  
0.28 mm

**BRIGHTNESS**  
400 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**  
1000:1

**DISPLAY COLOURS**  
16.7 M

**RESOLUTION**  
1920 x 1200

**INTERFACE**  
Signal Input : Analog (VGA)

**REGULATIONS**  
SDIP-27 Level B (former AMSE 788A)



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**Poland**

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# 24" LCD MONITOR

## SIL788-M24SUN

certified to SDIP-27 Level B



The **SIL788-M24SUN** monitor delivers ergonomic display comfort and provides intelligent cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; intelligent cable management reduces cable clutter and keeps the workspace neat and professional.

Outstanding front of screen performance:

- Fast response time capable of handling fast moving pictures
- SXGA 1920 x 1200 resolution for sharper display

The **SIL788-M24SUN** monitor is built to meet, **SDIP-27 Level B (former AMSG 788A)** requirement.



# 24" LCD MONITOR SIL788-M24SUN

## Technical Specifications

**DISPLAY TYPE**

TFT-LCD

**PANEL SIZE**

24.1"

**VIEWING ANGLE**

88 (H) / 88 (V)

**PIXEL PITCH**

0.27 mm

**BRIGHTNESS**

400 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**

1000:1

**DISPLAY COLOURS**

16 M

**OPTIMAL RESOLUTION**

1920 x 1200

**HORIZONTAL SCANNING FREQUENCY**

30 - 94 Hz

**VERTICAL SCANNING FREQUENCY**

56 - 76 Hz

**INTERFACE**

Signal Input : Analog (VGA)

**REGULATIONS**

SDIP-27 Level B (former AMSE 788A)



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**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
**fax: (+48 22) 823-66-46**  
**tempest@siltec.pl**  
**www.siltec.pl**

 **Siltec**

# 20" LCD MONITOR

## SIL788-M20R

certified to SDIP-27 Level B



Offering an ideal combination of style and functionality, the **SIL788-M20R** ensures excellent picture quality and enhanced visual experience. It delivers crisp and vivid graphics with a native resolution of up to 1600x1200 pixels and a contrast ratio of 500:1. Extensive and independent 6-color control allows precise adjustment of even a single color in an image. A one-touch button on the front panel helps you access five specialized image adjustment modes - Text, Picture, Movie, Custom and sRGB. The monitor features the Brightness Stabilization Function for ensuring stable brightness for proper display of color and 8-Bit Gamma Correction for smooth gradations of color. A five-stage adjustment smoothing function refines the jagged or blurred text or graphics, which often result from the scaling process.

The SIL788-M20R monitor is destined for console assembly.

The **SIL7288-M20R** monitor is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# 20" LCD MONITOR SIL788-M20R

## Technical Specifications

**DISPLAY SIZE/TYPE**

Type: 51 cm (20.1") TFT color LCD panel

**DISPLAY AREA**

Horizontal: 16.1", Vertical: 12.0", Diagonal: 20.1"

**PIXEL PITCH**

0.255 mm

**RESOLUTION**

1600 x 1200

**BRIGHTNESS**

250 cd/m<sup>2</sup>

**CONTRAST RATIO**

500:1

**VIEWING ANGLE**

Horizontal: 176°, Vertical: 176°

**FREQUENCY**

Horizontal: 24kHz to 94kHz (Analog); 31 to 76kHz (Digital),  
Vertical: 49 Hz to 86 Hz Analog; 59 to 61 Hz (Digital)

**INTERFACE**

Signal Input: Analog (VGA)

**REGULATIONS**

SDIP-27 Level B (former AMSG 788A)



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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
**fax: (+48 22) 823-66-46**  
**tempest@siltec.pl**  
**www.siltec.pl**



# NOTEBOOK

## SIL788-L6400

certified to SDIP-27 Level B



The **SIL788-L6400** notebook delivers exceptional value with many of the latest technologies and a generous set of features. Users are delighted by its long battery life and 17" LCD. The SIL788-L6400 is the smart choice for productivity and value.

The **SIL788-L6400** notebook is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.



# NOTEBOOK SIL788-L6400

## Technical Specification

### PROCESSOR

Intel® Core 2 Duo P8600 (2.4 Ghz, 1066MHz, 3 MB L2 cache)

### RAM

2 GB, 800MHz DDR2

### HARD DRIVE

80 GB 5400rpm Hard Drive

### OPTICAL STORAGE

DVD+/-RW Drive

### DISPLAY

17" WXGA+ (1440 X 900 resolution)

### GRAPHICS CONTROLER

512MB NVIDIA Quadro FX2700M

### OPERATING SYSTEM

Microsoft Windows Vista Business English OEM

### INTERFACES

1 x PCMCIA Type I or Type II

3 x USB

1 x VGA

### REGULATIONS

SDIP-27 Level B (former AMSE 788A)



### OPTIONS

Processor: intel® Core 2 Duo P9600 (2.8 Ghz, 1066MHz, 6 MB L2 cache)

Hard drives: 160 GB, 250 GB, 320 GB 7200 rpm

Memory: 4 GB, 8 GB, 12 GB, 16GB 1066MHz DDR3

Network F/O ST connector

Carrying Case

Optical Mouse

External FDD

Printer **SIL788-D470**

External media card reader **SIL788-FCR USB**

External standard USB port adapter **SIL788-PDR USB**

External port replicator **SIL788-LPT USB**

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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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**www.siltec.pl**



# NOTEBOOK

## SIL788-L4400

certified to SDIP-27 Level B



The **SIL788-L6400** notebook delivers exceptional value with many of the latest technologies and a generous set of features. Users are delighted by its long battery life and 15.4" LCD. The SIL788-L6400 is the smart choice for productivity and value.

The **SIL788-L6400** notebook is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# NOTEBOOK SIL788-L4400

## Technical Specification

### PROCESSOR

Intel® Core 2 Duo P8700 (2.53 Ghz, 1066MHz, 3 MB L2 cache)

### RAM

1 GB, 800MHz DDR2

### HARD DRIVE

80 GB 5400rpm Hard Drive

### OPTICAL STORAGE

DVD+/-RW Drive

### DISPLAY

15.4" WXGA+ (1440 X 900 resolution)

### GRAPHICS CONTROLLER

512MB NVIDIA FX770M

### OPERATING SYSTEM

Microsoft Windows Vista Business English OEM

### INTERFACES

1 x PCMCIA Type I or Type II

4 x USB

1 x VGA

### REGULATIONS

SDIP-27 Level B (former AMSE 788A)



### OPTIONS

Processor: intel® Core 2 Duo T9600 (2.8 Ghz, 1066MHz, 6 MB L2 cache)

Hard drives: 160 GB, 250 GB, 320 GB, 500 GB

Memory: 2 GB, 4 GB, 8 GB

Network F/O ST connector

Carrying Case

Optical Mouse

External FDD

Printer **SIL788-D470**

External media card reader **SIL788-FCR USB**

External standard USB port adapter **SIL788-PDR USB**

External port replicator **SIL788-LPT USB**

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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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# LASER PRINTER A4

## SIL788-D2055d

certified to SDIP-27 Level B



The **SIL788-D2055d** laser printer (based on HP LJ 2055d) is ideal for small workteams in SMBs and enterprise environments who need a fast, reliable, space-saving, black-and-white printer to produce high quality business documents easily.

Get more done in less time with this high performance black-and-white laser printer. Get print speeds of up to 33 ppm A4 and a fast first page out from low power mode with no wait Instant-on Technology.

The SIL788-D2055d is a reliable, space-saving, black-and-white printer for fast, high-quality printing.

The **SIL788-D2055d** laser printer is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# LASER PRINTER SIL788-D2055d

## Technical Specifications

**PRINT SPEED**

Up to 35 ppm

**PRINT RESOLUTION**

Up to 1200 x 1200 dpi

**DUTY CYCLE**

Up to 50000 pages per month

**INTERFACES**

USB port

**PAPER TRAYS**

50-sheet multipurpose tray (tray 1)

250-sheet enclosed input tray (tray 2)

**MEMORY**

64 MB, (expandable to 320 MB)

**PROCESSOR**

600 MHz

**DUPLEX**

Automatic

**STANDARD PRINTER LANGUAGES**

HP PCL 5c, HP PCL 6, HP Postscript level 3 emulation with automatic language switching

**MEDIA TYPES**

Paper (bond, light, heavy, plain, recycled, rough), envelopes, labels, cardstock, transparencies, heavy media

**REGULATIONS**

SDIP-27 Level B (former AMSG 788A)

**AVAILABLE MODELS**

SIL788-D2055d (basic model)

SIL788-D2055dn (basic model + F/O network 100 Mbps on ST connector)



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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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# LASER PRINTER A4

## SIL788-D4210dn

certified to SDIP-27 Level A



The **SIL788-D4210dn** laser printer (based on Ricoh Aficio Sp4210dn) delivers impressive speed and superior black & white image quality, plus advanced security and workflow tools - all in a compact design that helps cost-conscious customers and mid-size businesses reduce total cost of ownership.

The **SIL788-D4210dn** laser printer is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# LASER PRINTER SIL788-D4210dn

## Technical Specifications

### BLACK PRINT SPEED

Up to 37 ppm

### RESOLUTION

Up to 1200 x 600 dpi

### DUTY CYCLE, MONTHLY

Up to 150 000 pages

### INTERFACES

USB port

### NETWORK

100 Mbps F/O (ST)

### PAPER TRAYS

1 x 500-Sheet Paper Tray

1 x 100-Sheet Bypass Tray

### MEMORY

256 MB (max 512 MB)

### PROCESSOR

466 Mhz

### STANDARD PRINTER LANGUAGES

PCL 6, PCL 5e, Postscript Level 3 emulation

### MEDIA TYPES

Plain Paper, Recycle Paper (Standard & Optional Paper Feed Units); Plain Paper, Thick Paper, Transparency, Recycle Paper, Envelopes (Bypass Tray); Envelopes (Envelope Feeder)

### REGULATIONS

SDIP-27 Level B (former AMSG 788A)



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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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**tempest@siltec.pl**  
**www.siltec.pl**

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# LASER PRINTER A4

## SIL788-D4014

certified to SDIP-27 Level B



The **SIL788-D4014** laser printer (based on HP LJ4014) provides high-quality print output. Compact size, ease-of-use and constant reliability make this printer a great fit for the office or business workgroup. Reduce waiting time with built-in Instant-on Technology that prints the first page out as fast as 8.5 seconds and a highly efficient print engine that delivers print speeds of up to 45 ppm. A powerful 540 MHz processor with 96 MB of printer memory (expandable to 608 MB) and Memory Enhancement technology allows optimum speed to be reached even for complex jobs.

The SIL788-D4014 printer produces consistent professional, quality documents at 1200 dpi resolution with a 175 000-page monthly duty cycle. Printer and laser print cartridge are optimised to work together, making adjustments to ensure optimal output quality throughout the life of the cartridge.

The **SIL788-D4014** laser printer is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# LASER PRINTER SIL788-D4014

## Technical Specifications

### PRINT SPEED

43 ppm

### RESOLUTION

1200 x 1200 dpi

### DUTY CYCLE, MONTHLY

Up to 175 000 pages

### INTERFACES

USB port

### PAPER TRAYS

100-sheet multipurpose tray

500-sheet input tray

### MEMORY

96 MB (max 608 MB)

### PROCESSOR

540 MHz

### STANDARD PRINTER LANGUAGES

HP PCL 6, HP PCL 5e, HP Postscript Level 3 emulation, direct PDF(v 1.4) printing

### MEDIA TYPES

Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, user-defined

### REGULATIONS

SDIP-27 Level B (former AMSG 788A)

### AVAILABLE MODELS

SIL788-D4014 (basic model)

SIL788-D4014d (basic model + duplex)

SIL788-D4014dn (basic model + duplex + F/O network 100 Mbps on ST connectors)



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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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**tempest@siltec.pl**  
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# LASER PRINTER A4

## SIL788-D5200

certified to SDIP-27 Level B



The **SIL788-D5200** printer (based on HP LJ5200) is ideal for printing oversized documents such as engineering designs, CAD/CAM drawings and marketing collateral proofs. Flexible and easy to manage, the printer offers A4 and wide-format A3+ capabilities in one single device.

The SIL788-D5200 printer features printing speeds of up to 35 ppm on A4 and 18.5 ppm on A3. Instant Technology delivers first page out in less than 10 seconds. The product delivers print quality up to 1200 x 1200dpi.

The **SIL788-D5200** laser printer is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# LASER PRINTER SIL788-D5200

## Technical Specifications

### PRINT SPEED

A4: up to 35 ppm  
A3: up to 18.5 ppm

### RESOLUTION

1200 x 1200 dpi

### DUTY CYCLE, MONTHLY

Up to 65 000 pages

### INTERFACES

USB port

### PAPER TRAYS

100-sheet multipurpose tray 1  
250-sheet input tray 2

### MEMORY

48 MB (max 320 MB)

### PROCESSOR

460 Mhz

### STANDARD PRINTER LANGUAGES

HP PCL6, HP PCL 5e, HP postscript level 3 emulation

### MEDIA TYPES

Paper (plain, preprinted, letterhead, prepunched, bond, recycled, color, rough, light, vellum, tough), transparencies, labels, envelopes, cardstock

### REGULATIONS

SDIP-27 Level B (former AMSG 788A)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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**tempest@siltec.pl**  
**www.siltec.pl**

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# COLOUR LASER PRINTER A4

## SIL788-D1215

certified to SDIP-27 Level B



The **SIL788-D1215** colour laser printer (based on HP LJ1215) is fast, very easy and more affordable than ever with this Colour laser printer. This compact desktop printer helps you create impressive documents with realistic photo quality, sharp detail and vibrant colour.

The SIL788-D1215 is an ideal printer for individual users in home offices and growing small businesses who need a reliable, affordable and easy to use, colour printer for general office printing and to produce colour business documents that make a serious impression.

The **SIL788-D1215** colour laser printer is built to meet SDIP-27 Level B (former AMSS 788A) requirement.

# COLOUR LASER PRINTER SIL788-D1215

## Technical Specifications

### PRINT SPEED

A4 black: up to 12 ppm  
A4 colour: up to 8 ppm

### PRINT RESOLUTION

Up to 600 x 600 dpi

### DUTY CYCLE

Up to 25000 pages per month

### INTERFACES

USB port

### PAPER TRAYS

150-sheet input tray

### MEMORY

16 MB

### PROCESSOR

264 MHz

### STANDARD PRINTER LANGUAGES

HP PCL 5c, HP PCL 6, HP Postscript level 3 emulation with automatic language switching

### MEDIA TYPES

Paper (bond, brochure, colour, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock

### REGULATIONS

SDIP-27 Level B (former AMSG 788A)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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**tempest@siltec.pl**  
**www.siltec.pl**

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# COLOUR LASER PRINTER A4

## SIL788-D4700

certified to SDIP-27 Level B



The **SIL788-D4700** laser printer (based on HP LJ 4700) provides high-quality print output. Compact size, ease-of-use and constant reliability make this printer a great fit for the office or small business workgroup. Reduce waiting time with built-in Instant-on Technology that prints the first page out as fast as 10 seconds and a highly efficient print engine that delivers print speeds of up to 30 ppm. A powerful 533 MHz processor with 128 MB of printer memory (expandable to 512 MB) and Memory Enhancement technology allows optimum speed to be reached even for complex jobs.

The SIL788-D4700 printer produces consistent professional, quality documents at 600 dpi resolution with a 100 000-page monthly duty cycle. Printer and laser print cartridge are optimised to work together, making adjustments to ensure optimal output quality throughout the life of the cartridge.

Featuring an enhanced, compact design with no protruding trays, the SIL788-D4700 printer lets you print simply and conveniently saving valuable office space.

The **SIL788-D4700** laser printer is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# COLOUR LASER PRINTER SIL788- D4700

## Technical Specifications

### BLACK PRINT SPEED

Up to 30 ppm

### COLOUR PRINT SPEED

Up to 30 ppm

### PRINT RESOLUTION

Up to 600 x 600 dpi

### DUTY CYCLE

Up to 100 000 pages

### INTERFACES

USB port

### PAPER TRAYS

1 x 100 - sheet multipurpose

1 x 500 sheet feeder

### MEMORY

128 MB (max 512 MB)

### PROCESSOR

533 MHz

### STANDARD PRINTER LANGUAGE

HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation, direct PDF printing v 1.4

### MEDIA TYPES

Paper (plain, bond, color, letterhead, pre-printed, recycled, HP Tough i High-gloss Laser ), envelops, transparencies, labels, cardstock)

### REGULATIONS

SDIP 27-Level B (former AMSG 788A)

### AVAILABLE MODELS

SIL788-D4700 (basic model)

SIL788-D4700n (basic model + duplex)

SIL788-D4700dn (basic model + duplex + F/O network 100 Mbps on ST connectors)



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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
**fax: (+48 22) 823-66-46**  
**tempest@siltec.pl**  
**www.siltec.pl**

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# COLOUR LASER PRINTER A4

## SIL788-D420dn

certified to SDIP-27 Level B



The **SIL788-D420dn** laser printer (based on Aficio™ SP C420DN) keeps total cost of ownership to an absolute minimum. Producing top quality colour prints at high speeds, this advanced colour print solution gives a true competitive edge.

- Superb productivity: short warm-up and high print speeds
- Reduced paper consumption with built-in duplexing
- Exceptional paper handling and media support
- Superior colour quality
- User friendly operation

The **SIL788-D420dn** laser printer is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# COLOUR LASER PRINTER SIL788- D420dn

## Technical Specifications

### BLACK and COLOUR PRINT SPEED

Up to 30 ppm

### DUTY CYCLE

Up to 150 000 pages per months

### INTERFACE

USB port

### NETWORK

100 Mbps F/O ST

### PAPER TRAYS

1 x 100-sheet bypass tray

1 x 550-sheet paper tray

### MEMORY

256 MB (max 512 MB)

### PROCESSOR

800 MHz

### PRINTER LANGUAGE / RESOLUTION

PCL5c: 600 x 600 dpi

PCL6, Adobe® PostScript® 3™, RPCS™: 600 x 600 dpi/1,200 x 600 dpi/1,200 x 1,200 dpi

### MEDIA TYPES

Plain paper, thick paper, thin paper, recycled paper, waterproof paper, coated paper, laser printer labels, envelopes, colour paper, letterheads, labels, OHP transparencies, glossy paper, bond, pre-printed paper, cardstock

### REGULATIONS

SDIP 27-Level B (former AMSG 788A)



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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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**tempest@siltec.pl**  
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# COLOUR LASER PRINTER A3

## SIL788-D5550

certified to SDIP-27 Level B



Very economical and highly productive, all-purpose laser printer for colour printouts of high quality.

**SIL788-D5550** printer (based on HP LJ5550) can create accurate colour, precise drawings, and great images up to A3 size. Featuring HP Imageret 3600, a suite of advanced printing technologies, the printer automatically provides professional, superior print quality. Plus, the uniform size and spherical shape of HP toner particles in HP Color LaserJet Smart print cartridges ensure a broad range of colors and precise placement for accurate colour and excellent image reproduction.

With printing speeds up to 27 pages per minute (ppm), and a first-page-out speed of under 16 seconds, you will never have to wait long for your documents. Expand your printing potential and print even complex documents with images in no time with a 533 MHz processor and 128 MB RAM.

The **SIL788-D5550** colour laser printer is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# COLOUR LASER PRINTER A3 SIL788-D5550

## Technical Specifications

### PRINT SPEED

Black A4: 27 ppm

Color A4: 27 ppm

### RESOLUTION

600 x 600 dpi

### DUTY CYCLE, MONTHLY

Up to 120 000 pages per month

### INTERFACES

USB port

### PAPER TRAYS

1 x 100-sheet multipurpose,

1 x 500-sheet feeder

### MEMORY

128 MB (max 512 MB)

### PROCESSOR

533 MHz

### STANDARD PRINTER LANGUAGES

HP PCL 6, HP PCL 5c (HP PCL 5c driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v1.3)

### MEDIA TYPES

Letter, legal, executive, 11 x 17 in, ledger, envelopes (No. 10, Monarch), statement

### REGULATIONS

SDIP-27 Level B (former AMSG 788A)

### AVAILABLE MODELS

SIL788-D5550 (basic model)

SIL788-D5550n (basic model + F/O network 100 Mbps on ST connectors)

SIL788-D5500dn (basic model + duplex + F/O network 100 Mbps on ST connectors)



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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

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# MOBILE PRINTER

## SIL788-D470

certified to SDIP-27 Level B



Experience true mobility with the **SIL788-D470** printer (based on HP OJ H470) new, full-featured mobile printer that delivers high-quality printing for documents and photos.

#### PRODUCT FEATURES:

- Print colour documents and true-to-life photos with 4800 x 1200 dpi using optional 6-ink color or gray pen based on HP Vivera Inks;
- Create professional business documents and print on a wide variety of media;
- Get direct photo printing from your digital camera via Pictbridge or from a memory card using the multi-format card slots, which support CompactFlash, Secure Digital and MultiMedia Card;
- Easily print photos from 4 x 6 borderless up to 8.5 x 11 with borders.

The **SIL788-D470** printer is built to meet **SDIP-27 Level B (former AMSG 788A)** requirements.

# MOBILE COLOUR INKJET PRINTER SIL788-D470

## Technical Specifications

**BLACK PRINT SPEED (normal quality mode)**

Up to 7.7 ppm

**COLOUR PRINT SPEED (draft mode)**

Up to 18 ppm

**PRINT QUALITY, black**

Up to 1200 x 1200 dpi

**PRINT QUALITY, colour**

Up to 4800 optimized dpi colour and 1200 input dpi

**MONTHLY DUTY CYCLE**

Up to 5 000 pages

**INTERFACES**

USB port, card slots for CompactFlash Type I, Secure Digital, and MultimediaCard

**PAPER HANDLING**

Input capacity: up to 50 sheets

Duplex printing: Manual (driver support provided)

**MEMORY**

32 MB

**PROCESSOR**

192 MHz

**STANDARD PRINTER LANGUAGES**

HP PCL 3 enhanced

**MEDIA TYPES**

Paper (inkjet, photo, plain), cards (greeting, index), envelopes, labels, transparencies

**REGULATIONS**

SDIP-27 Level B (former AMSS 788A)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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**tempest@siltec.pl**  
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# COLOUR INKJET PRINTER

## SIL788-D7000

certified to SDIP-27 Level B



Affordable and proven versatile printing for output on larger format media up to A3+ with this reliable, easy-to-use colour inkjet printer.

The **SIL788-D7000** colour inkjet printer delivers professional print quality and performance on a wide choice of media. .

The **SIL788-D7000** printer is built to meet **SDIP-27 Level B (former AMSG 788B)** requirement.

# COLOUR INKJET PRINTER SIL788-D7000

## Technical Specifications

**BLACK PRINT SPEED (normal quality mode)**

9.1 ppm

**COLOUR PRINT SPEED (normal quality mode)**

5,5 ppm

**PRINT QUALITY, black**

Up to 1200 x 1200 dpi

**PRINT QUALITY, colour**

4800 x 1200 dpi

**MONTHLY VOLUME:**

Up to 5 000 pages per month

**INTERFACES**

USB port

**TOTAL MEDIA CAPACITY**

Up to 150 sheets

**MEMORY**

32 MB

**PROCESSOR**

96 MHz

**STANDARD PRINTER LANGUAGES**

HP PCL 3 enhanced

**MEDIA TYPES**

Banners, envelopes, greeting cards, iron-on transfers, labels, photo paper, plain paper, transparencies

**REGULATIONS**

SDIP-27 Level B (former AMSG 788A)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

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**tempest@siltec.pl**  
**www.siltec.pl**



# MULTIFUNCTION PRINTER A4

## SIL788-D220s

certified to SDIP-27 Level B



The **SIL788-D220s** colour multifunction printer (based on Ricoh Aficio SP C220s) delivers affordable multitasking. It is compact, easy to use and provides tools for office productivity in accurate, attractive colour.

The **SIL788-D220s** colour multifunction printer is built to meet **SDIP-27 Level B** (former **AMSG 788A**) requirement.

# COLOUR MULTIFUNCTION PRINTER A4 SIL788-D220s

## Technical Specifications

### PRINT SPEED

Copying: 16 copies-per-minute

Printing: 16 ppm

### RESOLUTION

600 x 600 dpi

### INTERFACE

USB port

### NETWORK

100 Mbps F/O ST

### PAPER INPUT CAPACITY

1 x 250-sheet tray,

1 x sheet bypass tray

### PAPER OUTPUT CAPACITY

150 sheets

### PAPER SIZE

Copier: A6 - A4

Scanner: maximum A4

### MEMORY

128 MB

### REGULATIONS

SDIP-27 Level B (former AMSG 788A)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
**fax: (+48 22) 823-66-46**  
**tempest@siltec.pl**  
**www.siltec.pl**

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# MULTIFUNCTION PRINTER A3

## SIL788-D2030

certified to SDIP-27 Level B



With the **SIL788-D2030** colour multifunction printer (based on Ricoh Aficio MP C2030) cost-conscious users can produce outstanding black & white documents and add affordable, yet eye-catching color, when they need it most. For all your critical workflows, the SIL788-D2030 helps you meet your deadlines, communicate with your customers.

The **SIL788-D2030** colour multifunction printer is built to meet **SDIP-27 Level B** (former **AMSG 788A**) requirement.

# COLOUR MULTIFUNCTION PRINTER A3 SIL788-D2030

## Technical Specifications

### PRINT SPEED

Copying: 20 copies-per-minute  
Printing: 20 ppm

### RESOLUTION

600 x 600 dpi

### INTERFACE

USB port

### NETWORK

100 Mbps F/O ST

### PAPER INPUT CAPACITY

2 x 250-sheet tray,  
1 x 100-sheet bypass tray

### PAPER OUTPUT CAPACITY

Maximum: 550 sheets

### PAPER SIZE

Copier: A6 - A3  
Scanner: A5 - A3

### MEMORY

512 MB

### PROCESSOR

400 MHz

### REGULATIONS

SDIP-27 Level B (former AMSG 788A)



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**Siltec Sp. z o.o.**  
E.Orzeszkowej 5  
02-374 Warsaw  
Poland

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# LARGE-FORMAT COLOUR INKJET PRINTER

## SIL788-D510ps

certified to SDIP-27 Level B



The **SIL788-D510ps** is a high-quality, large-format color printer for technical and business customers who need illustrations, schematics, drawings, plans, or presentations.

The SIL788-D510ps plus provides you with:

- separate ink cartridges for lower cost per copy and limited user interaction;
- easy-to-follow control panel for simplified user interaction;
- smart supplies monitor ink usage and printhead status;
- USB connection, plus network capability.

The **SIL788-D510ps** colour inkjet printer is built to meet **SDIP-27 Level B** (former **AMSG 788A**) requirement.

# LARGE-FORMAT COLOUR INKJET PRINTER SIL788-D510ps

## Technical Specifications

### PRINT SPEED

Line Drawings: 90 seconds (fast mode); Color Images: 85 ft<sup>2</sup>/hr (fast mode), 36 ft<sup>2</sup>/hr (normal), 21 ft<sup>2</sup>/hr (best)

### RESOLUTION

1200 x 600 dpi

### MEMORY

32 MB (max 128 MB)

### MEDIA

Paper (plain, inkjet, coated, heavyweight coated, high-gloss, semi-gloss, natural tracing, photo), Clear film, Matte film

### INTERFACES

USB port

### STANDARD PRINTER LANGUAGES

PCL3, PostScript 3

### REGULATIONS

SDIP-27 Level B (former AMSS 788A)



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# SCANNER

## SIL788-S8300

certified to SDIP-27 Level B



Create high-resolution, professional scans for graphics, photos and documents with the versatile **SIL788-S8300** Professional Image Scanner. Ideal for the high-end general office user or graphics professional, the SIL788-S8300 easily performs common tasks such as email, scan to PDF, copies and more with front panel one-touch buttons. With HP's triple-sensor scanning technology and high-quality optics, this scanner delivers graphic professionals excellent image quality while maintaining fast and quiet operation. The SIL788-S8300 scanner adjusts resolution to fit the job, from 75-dpi up to 4800-dpi for professional-quality images.

The professional SIL788-S8300 image scanner is able to edit photos with included HP Photosmart software with HP Real Life technology and Adobe Photoshop Elements software. Additionally the SIL788-S8300 scans and archives 35 mm slides and negatives or medium- and large-format film using a built-in transparent materials adapter.

The **SIL788-S8300** scanner is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# SCANNER SIL788-S8300

## Technical Specifications

**SCANNER TYPE**

Flatbed

**OPTICAL RESOLUTION**

4800 x 4800 dpi

**MAXIMUM SCAN SIZE**

8.5" x 14"

**CONTROL PANEL**

4 task buttons, scan-to destination button, Copy button with number of copies & color/black-and-white selectors, Power button, cancel button, settings button, LCD display

**BIT DEPTH**

48-bit Color, 8-bit Grayscale

**SCAN SIZE MAXIMUM**

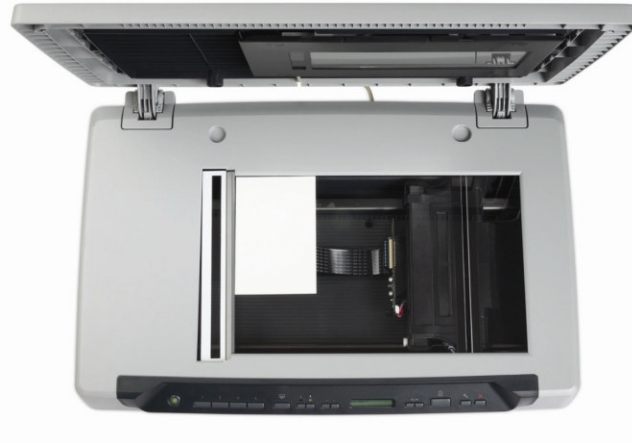
8.5 x 14 in (216 x 356 mm)

**INTERFACES**

USB port

**REGULATIONS**

SDIP-27 Level B (former AMSS 788A)



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# MOBILE SCANNER

## SIL788-S600

certified to SDIP-27 Level B



When exceptional quality scanning is a must and space is an issue – reach for the perfect solution – The **SIL788-S600** scanner (based on Pentax Dsmobile 600).

The SIL788-S600 mobile scanner is colour scanner for high-quality images and documents which can be used in the office or on the road.

One touch of the button on the on the SIL788-S600 will launch your choice of compatible scanning programs. Make a preferred scanning program your default and that one touch will initiate that program.

The **SIL788-S8300** scanner is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

# MOBILE SCANNER SIL788-S600

## Technical Specifications

### OPTICAL RESOLUTION

600 dpi

### MAXIMUM SCAN SIZE

8.5" x 14" (216 x 356 mm)

### BIT DEPTH

48-bit colour internally, outputs 24-bit

8-bit gray scale

1-bit black and white

### SCAN SIZE MAXIMUM

8.5 x 14 in (216 x 356 mm)

### INTERFACES

USB port

(no external power supply needed)

### REGULATIONS

SDIP-27 Level B (former AMSG 788A)



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# FAX MACHINE

## SIL788-UF6100

certified to SDIP-27 Level B



Versatility is the essence of the **SIL788-UF6100**. More than just a top performance fax machine that can go head-to-head with high-end faxes. And with its environment-friendly design, the SIL788-UF6100 is a dependable, cost-effective choice.

The **SIL788-UF6100** fax machine is built to meet **SDIP-27 Level B (former AMSS 788A)** requirement.



# FAX MACHINE SIL788-UF6100

## Technical Specifications

### MODEM SPEED

33.600 - 2.400 bps with automatic fallback

### CODING SCHEME

MH/MR/MMR

### TRANSMISSION SPEED

Approx. 3 sec.

### DOCUMENT SIZE

Max.: 257 mm x 2000 mm (with operator's assistance)

Min.: 148 mm x 128 mm

### EFFECTIVE SCANNING WIDTH

208mm (A4)

### AUTOMATIC DOCUMENT FEEDER CAPACITY

30 sheets (60 g/m<sup>2</sup>)

### SCANNING RESOLUTION (FAX)

Standard: 8 dots/mm x 3.85 lines/mm

Fine: 8 dots/mm x 7.7 lines/mm

Super Fine: 8 dots/mm x 15.4 lines/mm

16 dots/mm x 15.4 lines/mm\*4

### SCANNING SPEED

Approx. 3 sec. (A4, Standard mode)

### PRINTING SPEED

6ppm

### RECORDING PAPER SIZE

A4 / Letter / Legal

### RECORDING PAPER CAPACITY

250 sheets (75 g/m<sup>2</sup>) Max. 500 sheets with optional Paper Feed Unit

### RECORDING RESOLUTION

Fax / Copy: 406 dpi x 391 dpi

Printer: 600 dpi x 600 dpi

### IMAGE MEMORY CAPACITY

8 MB (Approx. 480 pages)

### REGULATIONS

SDIP-27 Level B (former AMSS 788A)



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# ISDN PHONE

## SIL788-PCX253

certified to SDIP-27 Level B



The **SIL788-PCX253** ISDN phone (based on Siemens Gigaset CX203) delivers unique features like:

- Hands free and speaker functions
- 4 direct dialing keys
- Integrated answering machine
- Multilingual menu

The **SIL788-PCX253** ISDN phone is built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.

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# TEMPEST NETWORK EQUIPMENT

certified to SDIP-27 Level B

## SERVERS

The **SIL788-SF V240** server maximizes compute power and data center space, boosts high-speed network connectivity, and serves as a secure and powerful expansion platform.



The **SIL788-DL380** server is an affordable, flexible network attached storage solution delivering quick and simple storage with multi-protocol file support and storage management for enterprise and workgroup environments. It provides excellent storage management, data



## SWITCH

The **SIL788-FES8516** is a managed switch that brings enhanced security and Layer 2-4 intelligence to networks, offers advanced attack detection and suppression capabilities for increased security and advanced QoS to support converged applications.



# THIN CLIENT

The thin client **SIL788-SR2FS** provide customers with an interoperable desktop computing solution that reduces the maintenance, upgrade, and operational costs associated with most "fat" PC client environments.

The stateless nature of SIL788-SR2SF thin client allows for complete session mobility, improves workflow, and helps ensure the protection of data. Because there is no operating system on the desktop, users can access any application running on the



The SIL788-SR2FS thin client process only keyboard input and screen output, leaving all of the application processing and storage to the server. The user is greeted with a rich, simple experience, while the administrator is rewarded with a centrally managed and reliable environment. The SIL788-SR2FS thin client is simple "plug-and-work," zero administration devices, much like the telephone. And as such, they are completely stateless, meaning they are always on, readily accessible, and easily replaceable.

**Siltec is flexible and able to undertake challenging projects. Anytime there is a request for a non-standard TEMPEST server, the company is prepared to investigate available on the market solutions to meet our customers needs. Research & Development Department provide consultation services. Should you have specialist needs, then do, please, contact our office.**

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# SHIELDED CABINET SERIES

## SIL 788-SzE19

certified to SDIP-27 Level B



The **SIL788-SzE19 shielded cabinet** series are designed to offer high levels of shielding requirements, where potentially compromising electronic signals need to be protected. Placing standard electronic equipment within our high performance shielded cabinet will allow the NATO SDIP-27 Level B standard to be met.

Shielded cabinets are available in several standard dimensions and designed to meet required specifications in government, industry, research and development use.

Customized shielded cabinets are available in custom-designed modular enclosures to meet required specifications.

The **SIL788-SzE19 shielded cabinet** series are built to meet **SDIP-27 Level B (former AMSG 788A)** requirement.



# SHIELDED CABINET SERIES SIL788-SzE19

## Technical Specification

The **SIL788-SzE19 shielded cabinet** series are widely used as passive electromagnetic protectors for secure data processing and provide safe and convenient operation, proper work of protected equipment installed inside and good communication between inside and outside.

Depending on customer requirements **SIL788-SzE19 shielded cabinet** series can protect following equipments:

- workstations,
- servers,
- network equipment,
- printers,
- faxes,
- converters,
- plotters,
- and other IT devices.

**SIL788-SzE19 shielded cabinet series can be equipped with:**

- slide or fixed shelf,
- additional filters,
- internal lighting,
- alarm sensor,
- different types of closing,
- shielded windows,
- additional vents



### REGULATIONS

SDIP-27 Level B (former AMSE 788A)

### EXAMPLE OF AVAILABLE DIMENSIONS

#### SIL788-SzE1916Sch600

rack 19", 16U,

External Dimension H=1040mm, W=600mm, D=600mm

Internal Dimension H=700mm, W=445mm, D=400mm

#### SIL788-SzE1933Sch600

rack 19", 33U,

External Dimension: H=1796mm, W=600mm, D=600mm

Internal Dimension: H=1452mm, W=445mm, D=400mm

#### SIL788-SzE1916Sch800

rack 19", 16U,

External Dimension: H=1040mm, W=600mm, D=800mm

Internal Dimension: H=700mm, W=445mm, D=600mm

#### SIL788-SzE1933Sch800

rack 19", 33U,

External Dimension: H=1796mm, W=600mm, D=800mm

Internal Dimension: H=1452mm, W=445mm, D=600mm

#### SIL788-SzE1916Sch1000

rack 19", 16U,

External Dimension: H=1040mm, W=600mm, D=1000mm

Internal Dimension: H=700mm, W=445mm, D=800mm

#### SIL788-SzE1933Sch1000

rack 19", 33U,

External Dimension: H=1796mm, W=600mm, D=1000mm

Internal Dimension: H=1452mm, W=445mm, D=800mm



**Other dimensions available on the request.**

**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

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# TEMPEST

## RUGGEDISED NOTEBOOK

### SIL788-RN3+



Ruggedised Notebook **SIL788-RN3+** is built from the inside and out to withstand extreme environments and is one of the toughest computers on the market. Water, dust, vibrations and dirt are no problem for SIL788-RN3+.

SIL788-RN3 has a processor and graphic capacity allowing heavy and demanding applications to run with maximum performance.

Built to Survive.

- Magnesium/Aluminium Casing
- Rain and dust resistant design
- Low and High operating temperatures
- Vibration and shock resistant design
- Sealed port and connector covers
- Flexible Connectivity
- HDD Shock Mount
- SDIP-27 Level B (former AMMSG 788A)
- MIL-STD461E (optional)
- MIL-STD810F, IP 55

# TEMPEST RUGGEDISED NOTEBOOK SIL788-RN3+

## Technical Specification



<b>CPU:</b>	Intel Core 2 Duo Mobile T5500 (2 x 1,66 GHz, 2 MB shared Level 2 Cache)
<b>RAM:</b>	1 GB DDR II RAM (expandable to 4 GB)
<b>HDD:</b>	50 GB HDD removable
<b>Drives:</b>	DVD - ROM
<b>Display:</b>	LCD 15,1" TFT, XGA (1024x768)
<b>VGA:</b>	INTEL GMA 950, up to 224 MB shared RAM
<b>Interfaces:</b>	2x RS-232, 1x parallel, 1x PS/2, 2x USB 2.0, 2x IEEE 1394, 1x VGA, PCMCIA (1x Typ II, 1x Express Card), 3x audio
<b>Audio:</b>	AC97 Sound, 2 integrated speakers
<b>Keyboard:</b>	US International, water and dust proof, backlight
<b>Battery:</b>	7200 mAH Lithium-Ion
<b>Colour:</b>	Nato-Olive or black
<b>Operating temp.:</b>	-20C to +50C
<b>Storage temp.:</b>	-40C to +70C
<b>Standards:</b>	SDIP-27 Level B (former AMMSG 788A), MIL-STD810F, IP 55

### Options:

MIL-STD461E Navy Fixed & Air Force  
MIL-STD461E Navy Mobile & Army  
HDD 120 GB (with heating system, operating at -20C to +50C)  
HDD 250 GB (with heating system, operating at -20C to +50C)  
Upgrade resolution of the display to SXGA+ (1400x1050)  
Fiberoptic LAN with LC connector, Multimode 1300 Nm  
DVD+CD-RW or DVD/RW instead of DVD  
Additional primary 7200mAH battery  
Additional second 6600mAH battery  
Dual battery charger  
Vehicle adapter (12-32V)  
Flash HDD  
Docking Station including 2 x PCI Express slot and 1 x PCI slot  
Shockmount  
MIL-connector for DC-In  
Carrying case



Notebook SIL788-RN3+ has magnesium/aluminum case (rain, dust, vibration and shock proof, can work at low and high temperatures according to IP 55 and MIL-STD810F).  
SIL788-RN3 is built to meet SDIP-27 Level B (former AMMSG 788A) requirement.



DOCKING  
STATION



CONNECTOR COVERS



SHOCKMOUNT



MIL-CONNECTOR  
FOR DC-IN

**Siltec Sp. z o.o.**  
**ul. E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (0 22) 572-18-00**  
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**tempest@siltec.pl**  
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# TEMPEST RUGGEDISED TABLET PC SIL788-RT



Ruggedised Tablet PC **SIL788-RT** is one of the toughest terminals on the market with specifications for extreme environments. It is expandable, upgradeable and suits special applications. SIL788-RT has a processor and graphic capacity for heavy and demanding applications with high performance. It works equally well, mounted in a docking station, or as a stand alone unit in the field.

SIL788-RT is built for such military applications as:

- Vehicle mounting
- Naval applications
- Outdoor environments, all year round

Built to Survive.

- Magnesium/Aluminium Casing
- Rain and dust resistant design
- Low and High operating temperatures
- Vibration and shock resistant design
- Sealed port and connector covers
- Programmable built-in function keys
- NATO SDIP27 Level B (former AMSG 788A)
- MIL-STD 461E Navy Fixed & Air Force
- MIL-STD 810F, IP 54

# TEMPEST RUGGEDISED TABLET PC SIL788-RT

## Technical Specification

**CPU:** Intel Core 2 Duo 1.1 Ghz ULV, 2MB Level 2 Cache  
**RAM:** 1 GB DDR II RAM (expandable to 4 GB)  
**HDD:** 50 GB HDD removable  
**Display:** LCD 8,4" TFT, XGA, touchscreen  
**VGA:** INTEL GMA 950, up to 224 MB shared RAM  
**Interfaces:** 1x USB, 1x RS-232, 1x LAN, 1x docking connector  
**Audio:** AC97 Sound, 2 integrated speakers  
**Powersupply:** AC-Adapter, rugged 3-PIN DC-Connector  
**Battery:** 4400 mAH Lithium-Ion  
**Colour:** Nato-Olive  
**Operating temp.:** -20C to +50C  
**Storage temp.:** -40C to +70C  
**Standards:** SDIP-27 Level B (former AMMSG 788A),  
MIL-STD461E Navy Fixed & Air Force,  
MIL-STD810F, IP 54



### Options:

MIL-STD461E Navy Mobile & Army  
HDD 120 GB (with heating system, operating at -20C to +50C)  
HDD 250 GB (with heating system, operating at -20C to +50C)  
PCMCIA 2x Typ II lub 1x Typ III  
External ruggedised keyboard with mousepoint (USB)  
Additional primary 4400mAH battery  
Additional second 6000mAH battery  
Dual battery charger  
Vehicle adapter (12-32V)  
Rubber jacket  
Flash HDD  
Camera module  
Docking Station  
Vehicle and table mounting  
Carrying case



Tablet PC SIL788-RT has magnesium/aluminum case (rain, dust, vibration and shock proof, can work at low and high temperatures according to IP 54 and MIL-STD810F).  
SIL788-RT is built to meet SDIP-27 Level B (former AMMSG 788A) requirement.



**Siltec Sp. z o.o.**  
**ul. E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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**tempest@siltec.pl**  
**www.siltec.pl**

# TEMPEST RUGGEDISED PDA SIL788-RPDA



Ruggedised **SIL788-RPDA** is built around a magnesium casing and meets strict environmental standards such as MIL-STD-810F and IP 65.

SIL788-RPDA is built for such military applications as:

- Field Operations in harsh environments
- Naval
- Vehicle

Built to Survive.

- Magnesium Casing
- Small dimensions and weight
- Rain and dust resistant design
- Low and High operating temperatures
- Vibration and shock resistant design
- Sealed port and connector covers
- Flexible Connectivity
- SDIP-27 Level B (former AMSG 788A)
- MIL-STD 461E Navy Fixed & Air Force
- MIL-STD 810F, IP 65

# TEMPEST RUGGEDISED PDA SIL788-RPDA

## Technical Specification

**CPU:** Intel Bulverde @ 624MHz (PXA270), nVidia 4800  
**RAM:** 128 MB RAM  
**ROM:** 1 GB ROM  
**Display:** 4" TFT, touchscreen  
**Interfaces:** 1x USB host, 1x USB client, 1x RS-232, 1x SD-Card, 1x PCMCIA Type II, 1x docking connector, 1x mic, 1x headphones  
**Battery:** 3.6V, 3900 mAH Lithium-Ion  
**OS:** Window CE 5.0 or Windows Mobile 6.0  
**Color:** Nato-Olive  
**Operating temp.:** -20C to +50C  
**Storage temp.:** -40C to +70C  
**Standards:** SDIP-27 Level B (former AMMSG 788A), MIL-STD461E Navy Fixed & Air Force, MIL-STD 810F, IP 65



### Options

MIL-STD461E Navy Mobile & Army  
PCMCIA port accessible externally (PDA will be IP 54 compatible)  
Additional battery 7,4 V, 1800 mAh Li-Ion  
Vehicle adapter (12-32V)  
Docking station  
Ruggedised keyboard  
SD Card

SIL788-RPDA has magnesium case (rain, dust, vibration and shock proof, can work at low and high temperatures according to IP 65 and MIL-STD810F).

SIL788-RPDA is built to meet SDIP-27 Level B (former AMMSG 788A) requirement.



Programable  
function keys



RS-232 with cover



Handle

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**Siltec Sp. z o.o.**  
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# SDIP-27 Level C

TEMPEST SDIP-27 Level C



# WORKSTATION

## SIL784-T3H

certified to SDIP-27 Level C



The **SIL784-T3H** workstation is engineered for secure office environments, featuring a serviceable platform that remains stable and consistent throughout the product life. This model offers the expandability and flexibility to meet a wide range of business requirements. The SIL784-T3H combines Intel technology with proven engineering and integration capabilities.

The SIL784-T3H workstation is also featured with different external flat panel high resolution displays.

The **SIL784-T3H** workstation is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.

# SIL784-T3H WORKSTATION

## Technical Specification

### PROCESSOR

Intel Core 2 Duo E7300 (2.66GHz/FSB 1066MHz)

### CACHE MEMORY

3MB L2 Cache

### RAM

2 GB (installed) / 16GB (max) - DDR II SDRAM - 800 MHz

### HARD DRIVE

250 GB removable, 7200 rpm, 8MB, SATA

### OPTICAL STORAGE

DVD-RW

FDD

### GRAPHICS CONTROLLER

Intel GMA 4500 integrated graphics

### INTERFACES

(1) serial port (DB9)

(1) video port (HD15)

(1) USB keyboard port (DB9)

(1) USB mouse port (DB9)

(4) USB ports (DB9)

### OPERATING SYSTEM

Microsoft Windows Vista Business English OEM

### REGULATIONS

SDIP-27 Level C (former AMSG 784)



### SUGGESTED SET

SIL784-T3H Workstation  
SIL784-KL105SC Keyboard  
SIL784-MO Mouse  
SIL784-M19 LCD Monitor  
SIL784-D2055d Laser Printer  
UPS SILTEC 1600  
Other peripherals

### OPTIONS

Additional RAM (max 16GB)  
DVD, CD-ROM, CD-RW  
Ethernet F/O ST 10 Mbps or 100 Mbps or 1000 Mbps  
Additional HDD  
Video card 256 MB, 512 MB  
Media card reader  
Smart card reader  
Metal covers for I/O ports  
Hood sensor  
Solenoid lock

### POSSIBLE CONFIGURATION

(3x5,25" bay, 1x3,5" bay)  
1. HDD (removable)  
2. DVD-RW  
3. Media card reader  
4. FDD

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# TEMPEST KEYBOARDS

certified to SDIP-27 Level C



## SIL784-KL105

The **SIL784-KL105** keyboard represent a design extension of the successful Easy Access keyboards. Expanded configurability by allowing the keyboard to sit upon the desk at either zero-degree (flat), 6-degree or 12-degree slope through the use of the keyboards tilt legs.

### INTERFACE

USB (DB9)

### REGULATIONS

SDIP-27 Level C (former AMMSG 784)

# TEMPEST KEYBOARDS

## SIL784-KL105SC

The **SIL784-KL105SC** is a full-sized keyboard technology that uses smartcard technology to prevent unauthorized access to computers and networks. This feature boosts security, simplifies access procedures, and reduces the costs associated with managing networks. The USB Smart Card Keyboard works with all smartcards that comply with ISO standard 7816.

Smart Cards are easy-to-use credit card-sized devices which require multiple forms of information to be validated before you gain access to your accounts or resources. Used worldwide, smartcards strengthen access to a network or other resource using dual-factor authentication. Implementing a two-factor authentication (or multi-factor authentication) process reduces the risk of unauthorized access by verifying and validating your identity in one of the following ways:

- a combination of username and password or pin,
- a Smart Card.

### INTERFACE

USB (DB9)



### REGULATIONS

SDIP-27 Level C (former AMSS 784)



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Siltec Sp. z o.o.  
E.Orzeszkowej 5  
02-374 Warsaw  
Poland

tel. (+48 22) 572-18-00  
fax: (+48 22) 823-66-46  
tempest@siltec.pl  
www.siltec.pl



# USB MOUSE

## SIL784-MO

certified to SDIP-27 Level C



The **SIL784-MO** Optical USB Mouse is equipped with three buttons.

- Get accurate cursor movement and superior performance from the optical sensor.
- Switch hands - this mouse fits comfortably in either your right or left hand.

The **SIL788-MO** Optical Mouse is built to meet **SDIP-27 Level C (former AMSG 784)** requirement

# USB MOUSE

## SIL784-TM

certified to SDIP-27 Level C



- Patented optical marble technology delivers superior precision, reduced wear and smooth tracking, even if the trackball gets dirty.
- Made with the quality of Logitech, the world's largest manufacturer of mice and trackballs

The **SIL784-TM** Optical Mouse is built to meet **SDIP-27 Level C (former AMSG 784)** requirement

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E.Orzeszkowej 5  
02-374 Warsaw  
Poland

tel. (+48 22) 572-18-00  
fax: (+48 22) 823-66-46  
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# HEADSET

## SIL784-HEADSET

certified to SDIP-27 Level C



The **SIL784-HEADSET** enables to listen classified data in audio format.

### INTERFACE

USB (DB9)

### REGULATIONS

SDIP-27 Level C (former AMSG 784)

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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
**fax: (+48 22) 823-66-46**  
**tempest@siltec.pl**  
**www.siltec.pl**



# 17" LCD MONITOR

## SIL784-M17

certified to SDIP-27 Level C



The **SIL784-M17** monitor delivers features like SmartImage, SmartContrast, SmartControl and TrueVision.

#### **Best total cost of ownership solution**

- TrueVision ensures top quality LCD display is delivered to you
- TCO'03 guarantees the highest safety and ergonomic standards

#### **Outstanding front of screen performance**

- SmartImage: For an optimised display experience
- SmartContrast: Dynamic, optimised contrast for visual clarity

#### **Great convenience**

- Hassle-free display performance tuning with SmartControl II

The **SIL784-M17** monitor is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.

# 17" LCD MONITOR SIL784-M17

## Technical Specifications

**DISPLAY TYPE**  
TFT-LCD

**PANEL SIZE**  
17"/ 43 cm

**VIEWING ANGLE**  
176 (H)/170 (V)

**PIXEL PITCH**  
0.264 x 0.264 mm

**BRIGHTNESS**  
250 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**  
800:1

**DISPLAY COLOURS**  
16.7 M

**RESOLUTION**  
1280 x 1024 @ 60 Hz

**HORIZONTAL SCANNING FREQUENCY**  
30 - 83 Hz

**VERTICAL SCANNING FREQUENCY**  
56 - 75 Hz

**INTERFACE**  
Signal Input : Analog (VGA)

**REGULATIONS**  
SDIP-27 Level C (former AMSE 784)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
**fax: (+48 22) 823-66-46**  
**tempest@siltec.pl**  
**www.siltec.pl**

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# 19" LCD MONITOR

## SIL784-M19

certified to SDIP-27 Level C



The **SIL784-M19** monitor delivers features like SmartImage, SmartContrast, SmartControl and TrueVision.

#### **Best total cost of ownership solution**

- TrueVision ensures top quality LCD display is delivered to you
- TCO'03 guarantees the highest safety and ergonomic standards

#### **Outstanding front of screen performance**

- SmartImage: For an optimised display experience
- SmartContrast: Dynamic, optimised contrast for visual clarity

#### **Great convenience**

- Hassle-free display performance tuning with SmartControl II

The **SIL784-M19** monitor is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.

# 19" LCD MONITOR SIL784-M19

## Technical Specifications

**DISPLAY TYPE**

TFT-LCD

**PANEL SIZE**

19"/ 48 cm

**VIEWING ANGLE**

176 (H)/176 (V)

**PIXEL PITCH**

0.294 x 0.294 mm

**BRIGHTNESS**

300 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**

800:1

**DISPLAY COLOURS**

16.7 M

**RESOLUTION**

1280 x 1024 @ 60 Hz

**HORIZONTAL SCANNING FREQUENCY**

30 - 83 Hz

**VERTICAL SCANNING FREQUENCY**

56 - 75 Hz

**INTERFACE**

Signal Input : Analog (VGA)

**REGULATIONS**

SDIP-27 Level C (former AMSE 784)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

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**fax: (+48 22) 823-66-46**  
**tempest@siltec.pl**  
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# 19" LCD MONITOR

## SIL784-M19

certified to SDIP-27 Level C



A high performance, versatile monitor for both still and moving image work. This is the **SIL784-M19** monitor with an upgraded BrightRegulator function that adjusts the screen brightness in accordance with changes in the ambient brightness.

The **SIL784-M19** monitor is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.



# 19" LCD MONITOR SIL784-M19

## Technical Specifications

**DISPLAY TYPE**  
TFT-LCD

**PANEL SIZE**  
19"/ 48 cm

**VIEWING ANGLE**  
178 (H)/178 (V)

**PIXEL PITCH**  
0.294 x 0.294 mm

**BRIGHTNESS**  
250 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**  
1000:1

**DISPLAY COLOURS**  
16.7 M

**RESOLUTION**  
1280 x 1024

**INTERFACE**  
Signal Input : Analog (VGA)

**REGULATIONS**  
SDIP-27 Level C (former AMSG 784)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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# 21" LCD MONITOR

## SIL784-M21

certified to SDIP-27 Level C



This **SIL784-M21** monitor is perfect for use in offices requiring a large screen, sharp text and images, and fast response times.

The **SIL784-M21** monitor is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.

# 21" LCD MONITOR SIL784-M21

## Technical Specifications

**DISPLAY TYPE**  
TFT-LCD

**PANEL SIZE**  
21.3"/ 54 cm

**VIEWING ANGLE**  
178 (H)/178 (V)

**PIXEL PITCH**  
0.270 x 0.270 mm

**BRIGHTNESS**  
300 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**  
1000:1

**DISPLAY COLOURS**  
16.7 M

**RESOLUTION**  
1600 x 1200

**INTERFACE**  
Signal Input : Analog (VGA)

**REGULATIONS**  
SDIP-27 Level C (former AMSE 784)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

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# 24" LCD MONITOR

## SIL784-M24

certified to SDIP-27 Level C



With a wider range of depth and expression the **SIL784-M24** monitor offers you the ability to take a more expansive view of your world. With its phenomenal resolution, response time and image clarity, it pushes you to the limits of your potential. With SIL784-M24 it's not hard to imagine.

The **SIL784-M24** monitor is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.



# 24" LCD MONITOR SIL784-M24

## Technical Specifications

**DISPLAY TYPE**

TFT-LCD widescreen

**PANEL SIZE**

24"

**VIEWING ANGLE**

160 (H)/170 (V)

**PIXEL PITCH**

0.27 mm

**BRIGHTNESS**

300 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**

1000:1

**DISPLAY COLOURS**

16.7 M

**RESOLUTION**

1920 x 1080

**INTERFACE**

Signal Input : Analog (VGA)

**REGULATIONS**

SDIP-27 Level C (former AMSG 784)



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**Poland**

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# 26" LCD MONITOR

## SIL784-M26

certified to SDIP-27 Level C



The **SIL784-M26** monitor has everything that you need. With a Height Adjustable Stand (HAS), built-in-speakers, HDMI technology, full 1080p input and fast response time, you will be able to power through a work day.

The **SIL784-M26** monitor is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.



# 26" LCD MONITOR SIL784-M26

## Technical Specifications

**DISPLAY TYPE**  
TFT-LCD

**PANEL SIZE**  
25.5"

**VIEWING ANGLE**  
160 (H)/160 (V)

**PIXEL PITCH**  
0.28 mm

**BRIGHTNESS**  
400 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**  
1000:1

**DISPLAY COLOURS**  
16.7 M

**RESOLUTION**  
1920 x 1200

**INTERFACE**  
Signal Input : Analog (VGA)

**REGULATIONS**  
SDIP-27 Level C (former AMSG 784)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

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# 24" LCD MONITOR

## SIL784-M24SUN

certified to SDIP-27 Level C



The **SIL784-M24SUN** monitor delivers ergonomic display comfort and provides intelligent cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; intelligent cable management reduces cable clutter and keeps the workspace neat and professional.

Outstanding front of screen performance:

- Fast response time capable of handling fast moving pictures
- SXGA 1920 x 1200 resolution for sharper display

The **SIL784-M24SUN** monitor is built to meet, **SDIP-27 Level C (former AMSG 784)** requirement.

# 24" LCD MONITOR SIL784-M24SUN

## Technical Specifications

**DISPLAY TYPE**  
TFT-LCD

**PANEL SIZE**  
24.1"

**VIEWING ANGLE**  
88 (H) / 88 (V)

**PIXEL PITCH**  
0.27 mm

**BRIGHTNESS**  
400 cd/m<sup>2</sup>

**CONTRAST RATIO (typical)**  
1000:1

**DISPLAY COLOURS**  
16 M

**OPTIMAL RESOLUTION**  
1920 x 1200

**HORIZONTAL SCANNING FREQUENCY**  
30 - 94 Hz

**VERTICAL SCANNING FREQUENCY**  
56 - 76 Hz

**INTERFACE**  
Signal Input : Analog (VGA)

**REGULATIONS**  
SDIP-27 Level C (former AMSG 784)



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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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**tempest@siltec.pl**  
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# NOTEBOOK

## SIL784-L6400

certified to SDIP-27 Level C



The **SIL784-L6400** notebook delivers exceptional value with many of the latest technologies and a generous set of features. Users are delighted by its long battery life and 17" LCD. The SIL784-L6400 is the smart choice for productivity and value.

The **SIL784-L6400** notebook is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.



# NOTEBOOK SIL784-L6400

## Technical Specification

### PROCESSOR

Intel® Core 2 Duo P8600 (2.4 Ghz, 1066MHz, 3 MB L2 cache)

### RAM

2 GB, 800MHz DDR2

### HARD DRIVE

80 GB 5400rpm Hard Drive

### OPTICAL STORAGE

DVD+/-RW Drive

### DISPLAY

17" WXGA+ (1440 X 900 resolution)

### GRAPHICS CONTROLER

512MB NVIDIA Quadro FX2700M

### OPERATING SYSTEM

Microsoft Windows Vista Business English OEM

### INTERFACES

1 x PCMCIA Type I or Type II

3 x USB

1 x VGA

### REGULATIONS

SDIP-27 Level C (former AMSG 784)



### OPTIONS

Processor: intel® Core 2 Duo P9600 (2.8 Ghz, 1066MHz, 6 MB L2 cache)

Hard drives: 160 GB, 250 GB, 320 GB 7200 rpm

Memory: 4 GB, 8 GB, 12 GB, 16GB 1066MHz DDR3

Network F/O ST connector

Carrying Case

Optical Mouse

External FDD

Printer **SIL784-D470**

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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
**fax: (+48 22) 823-66-46**  
**tempest@siltec.pl**  
**www.siltec.pl**



# NOTEBOOK

## SIL784-L4400

certified to SDIP-27 Level C



The **SIL784-L6400** notebook delivers exceptional value with many of the latest technologies and a generous set of features. Users are delighted by its long battery life and 15.4" LCD. The SIL788-L6400 is the smart choice for productivity and value.

The **SIL784-L6400** notebook is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.



# NOTEBOOK SIL784-L4400

## Technical Specification

### PROCESSOR

Intel® Core 2 Duo P8700 (2.53 Ghz, 1066MHz, 3 MB L2 cache)

### RAM

1 GB, 800MHz DDR2

### HARD DRIVE

80 GB 5400rpm Hard Drive

### OPTICAL STORAGE

DVD+/-RW Drive

### DISPLAY

15.4" WXGA+ (1440 X 900 resolution)

### GRAPHICS CONTROLLER

512MB NVIDIA FX770M

### OPERATING SYSTEM

Microsoft Windows Vista Business English OEM

### INTERFACES

1 x PCMCIA Type I or Type II

4 x USB

1 x VGA

### REGULATIONS

SDIP-27 Level C (former AMSC 784)



### OPTIONS

Processor: intel® Core 2 Duo T9600 (2.8 Ghz, 1066MHz, 6 MB L2 cache)

Hard drives: 160 GB, 250 GB, 320 GB, 500 GB

Memory: 2 GB, 4 GB, 8 GB

Network F/O ST connector

Carrying Case

Optical Mouse

External FDD

Printer **SIL784-D470**

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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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# LASER PRINTER A4

## SIL784-D2055d

certified to SDIP-27 Level C



The **SIL784-D2055d** laser printer (based on HP LJ 2055d) is ideal for small workteams in SMBs and enterprise environments who need a fast, reliable, space-saving, black-and-white printer to produce high quality business documents easily.

Get more done in less time with this high performance black-and-white laser printer. Get print speeds of up to 33 ppm A4 and a fast first page out from low power mode with no wait Instant-on Technology.

The SIL784-D2055d is a reliable, space-saving, black-and-white printer for fast, high-quality printing.

The **SIL78-D2055d** laser printer is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.

# LASER PRINTER SIL784-D2055d

## Technical Specifications

**PRINT SPEED**

Up to 35 ppm

**PRINT RESOLUTION**

Up to 1200 x 1200 dpi

**DUTY CYCLE**

Up to 50000 pages per month

**INTERFACES**

USB port

**PAPER TRAYS**

50-sheet multipurpose tray (tray 1)

250-sheet enclosed input tray (tray 2)

**MEMORY**

64 MB, (expandable to 320 MB)

**PROCESSOR**

600 MHz

**DUPLEX**

Automatic

**STANDARD PRINTER LANGUAGES**

HP PCL 5c, HP PCL 6, HP Postscript level 3 emulation with automatic language switching

**MEDIA TYPES**

Paper (bond, light, heavy, plain, recycled, rough), envelopes, labels, cardstock, transparencies, heavy media

**REGULATIONS**

SDIP-27 Level C (former AMSG 784)

**AVAILABLE MODELS**

SIL784-D2055d (basic model)

SIL784-D2055dn (basic model + F/O network 100 Mbps on ST connector)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
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# LASER PRINTER A4

## SIL784-D4210dn

certified to SDIP-27 Level A



The **SIL784-D4210dn** laser printer (based on Ricoh Aficio Sp4210dn) delivers impressive speed and superior black & white image quality, plus advanced security and workflow tools - all in a compact design that helps cost-conscious customers and mid-size businesses reduce total cost of ownership.

The **SIL784-D4210dn** laser printer is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.

# LASER PRINTER SIL784-D4210dn

## Technical Specifications

### BLACK PRINT SPEED

Up to 37 ppm

### RESOLUTION

Up to 1200 x 600 dpi

### DUTY CYCLE, MONTHLY

Up to 150 000 pages

### INTERFACES

USB port

### NETWORK

100 Mbps F/O (ST)

### PAPER TRAYS

1 x 500-Sheet Paper Tray  
1 x 100-Sheet Bypass Tray

### MEMORY

256 MB (max 512 MB)

### PROCESSOR

466 Mhz

### STANDARD PRINTER LANGUAGES

PCL 6, PCL 5e, Postscript Level 3 emulation

### MEDIA TYPES

Plain Paper, Recycle Paper (Standard & Optional Paper Feed Units); Plain Paper, Thick Paper, Transparency, Recycle Paper, Envelopes (Bypass Tray); Envelopes (Envelope Feeder)

### REGULATIONS

SDIP-27 Level C (former AMSG 784)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
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**tempest@siltec.pl**  
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# LASER PRINTER A4

## SIL784-D4014

certified to SDIP-27 Level C



The **SIL784-D4014** laser printer (based on HP LJ4014) provides high-quality print output. Compact size, ease-of-use and constant reliability make this printer a great fit for the office or business workgroup. Reduce waiting time with built-in Instant-on Technology that prints the first page out as fast as 8.5 seconds and a highly efficient print engine that delivers print speeds of up to 45 ppm. A powerful 540 MHz processor with 96 MB of printer memory (expandable to 608 MB) and Memory Enhancement technology allows optimum speed to be reached even for complex jobs.

The SIL784-D4014 printer produces consistent professional, quality documents at 1200 dpi resolution with a 175 000-page monthly duty cycle. Printer and laser print cartridge are optimised to work together, making adjustments to ensure optimal output quality throughout the life of the cartridge.

The **SIL784-D4014** laser printer is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.

# LASER PRINTER SIL784-D4014

## Technical Specifications

### PRINT SPEED

43 ppm

### RESOLUTION

1200 x 1200 dpi

### DUTY CYCLE, MONTHLY

Up to 175 000 pages

### INTERFACES

USB port

### PAPER TRAYS

100-sheet multipurpose tray

500-sheet input tray

### MEMORY

96 MB (max 608 MB)

### PROCESSOR

540 MHz

### STANDARD PRINTER LANGUAGES

HP PCL 6, HP PCL 5e, HP Postscript Level 3 emulation, direct PDF(v 1.4) printing

### MEDIA TYPES

Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, user-defined

### REGULATIONS

SDIP-27 Level C (former AMSG 784)

### AVAILABLE MODELS

SIL784-D4014 (basic model)

SIL784-D4014d (basic model + duplex)

SIL784-D4014dn (basic model + duplex + F/O network 100 Mbps on ST connectors)



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**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

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# LASER PRINTER A4

## SIL784-D5200

certified to SDIP-27 level C



The **SIL784-D5200** printer (based on HP LJ5200) is ideal for printing oversized documents such as engineering designs, CAD/CAM drawings and marketing collateral proofs. Flexible and easy to manage, the printer offers A4 and wide-format A3+ capabilities in one single device.

The SIL784-D5200 printer features printing speeds of up to 35 ppm on A4 and 18.5 ppm on A3. Instant Technology delivers first page out in less than 10 seconds. The product delivers print quality up to 1200 x 1200dpi.

The **SIL784-D5200** laser printer is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.

# LASER PRINTER SIL784-D5200

## Technical Specifications

### PRINT SPEED

A4: up to 35 ppm  
A3: up to 18.5 ppm

### RESOLUTION

1200 x 1200 dpi

### DUTY CYCLE, MONTHLY

Up to 65 000 pages

### INTERFACES

USB port

### PAPER TRAYS

100-sheet multipurpose tray 1  
250-sheet input tray 2

### MEMORY

48 MB (max 320 MB)

### PROCESSOR

460 Mhz

### STANDARD PRINTER LANGUAGES

HP PCL6, HP PCL 5e, HP postscript level 3 emulation

### MEDIA TYPES

Paper (plain, preprinted, letterhead, prepunched, bond, recycled, color, rough, light, vellum, tough), transparencies, labels, envelopes, cardstock

### REGULATIONS

SDIP-27 Level C (former AMSG 784)



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**02-374 Warsaw**  
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# COLOUR LASER PRINTER A4

## SIL784-D1215

certified to SDIP-27 Level C



The **SIL784-D1215** colour laser printer (based on HP LJ1215) is fast, very easy and more affordable than ever with this Colour laser printer. This compact desktop printer helps you create impressive documents with realistic photo quality, sharp detail and vibrant colour.

The SIL784-D1215 is an ideal printer for individual users in home offices and growing small businesses who need a reliable, affordable and easy to use, colour printer for general office printing and to produce colour business documents that make a serious impression.

The **SIL784-D1215** colour laser printer is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.

# COLOUR LASER PRINTER SIL784-D1215

## Technical Specifications

### PRINT SPEED

A4 black: up to 12 ppm  
A4 colour: up to 8 ppm

### PRINT RESOLUTION

Up to 600 x 600 dpi

### DUTY CYCLE

Up to 25000 pages per month

### INTERFACES

USB port

### PAPER TRAYS

150-sheet input tray

### MEMORY

16 MB

### PROCESSOR

264 MHz

### STANDARD PRINTER LANGUAGES

HP PCL 5c, HP PCL 6, HP Postscript level 3 emulation with automatic language switching

### MEDIA TYPES

Paper (bond, brochure, colour, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock

### REGULATIONS

SDIP-27 Level C (former AMSG 784)



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# COLOUR LASER PRINTER A4

## SIL784-D4700

certified to SDIP-27 Level C



The **SIL784-D4700** laser printer (based on HP LJ 4700) provides high-quality print output. Compact size, ease-of-use and constant reliability make this printer a great fit for the office or small business workgroup. Reduce waiting time with built-in Instant-on Technology that prints the first page out as fast as 10 seconds and a highly efficient print engine that delivers print speeds of up to 30 ppm. A powerful 533 MHz processor with 128 MB of printer memory (expandable to 512 MB) and Memory Enhancement technology allows optimum speed to be reached even for complex jobs.

The SIL784-D4700 printer produces consistent professional, quality documents at 600 dpi resolution with a 100 000-page monthly duty cycle. Printer and laser print cartridge are optimised to work together, making adjustments to ensure optimal output quality throughout the life of the cartridge.

Featuring an enhanced, compact design with no protruding trays, the **SIL784-D4700** printer lets you print simply and conveniently saving valuable office space.

The **SIL784-D4700** laser printer is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.

# COLOUR LASER PRINTER SIL784-D4700

## Technical Specifications

**BLACK PRINT SPEED**

Up to 30 ppm

**COLOUR PRINT SPEED**

Up to 30 ppm

**PRINT RESOLUTION**

Up to 600 x 600 dpi

**DUTY CYCLE**

Up to 100 000 pages

**INTERFACES**

USB port

**PAPER TRAYS**

1 x 100 - sheet multipurpose  
1 x 500 sheet feeder

**MEMORY**

128 MB (max 512 MB)

**PROCESSOR**

533 MHz

**STANDARD PRINTER LANGUAGE**

HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation, direct PDF printing v 1.4

**MEDIA TYPES**

Paper (plain, bond, color, letterhead, pre-printed, recycled, HP Tough i High-gloss Laser ), envelops, transparencies, labels, cardstock)

**REGULATIONS**

SDIP 27-Level C (former AMSG 784)

**AVAILABLE MODELS**

SIL784-D4700 (basic model)

SIL784-D4700n (basic model + duplex)

SIL784-D4700dn (basic model + duplex + F/O network 100 Mbps on ST connectors)



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**Siltec Sp. z o.o.**  
**E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (+48 22) 572-18-00**  
**fax: (+48 22) 823-66-46**  
**tempest@siltec.pl**  
**www.siltec.pl**



# COLOUR LASER PRINTER A4

## SIL784-D420dn

certified to SDIP-27 Level C



The **SIL784-D420dn** laser printer (based on Aficio™ SP C420DN) keeps total cost of ownership to an absolute minimum. Producing top quality colour prints at high speeds, this advanced colour print solution gives a true competitive edge.

- Superb productivity: short warm-up and high print speeds
- Reduced paper consumption with built-in duplexing
- Exceptional paper handling and media support
- Superior colour quality
- User friendly operation

The **SIL784-D420dn** laser printer is built to meet **SDIP-27 Level C** (former **AMSG 784**) requirement.

# COLOUR LASER PRINTER SIL784-D420dn

## Technical Specifications

### BLACK and COLOUR PRINT SPEED

Up to 30 ppm

### DUTY CYCLE

Up to 150 000 pages per months

### INTERFACE

USB port

### NETWORK

100 Mbps F/O ST

### PAPER TRAYS

1 x 100-sheet bypass tray

1 x 550-sheet paper tray

### MEMORY

256 MB (max 512 MB)

### PROCESSOR

800 MHz

### PRINTER LANGUAGE / RESOLUTION

PCL5c: 600 x 600 dpi

PCL6, Adobe® PostScript® 3™, RPCS™: 600 x 600 dpi/1,200 x 600 dpi/1,200 x 1,200 dpi

### MEDIA TYPES

Plain paper, thick paper, thin paper, recycled paper, waterproof paper, coated paper, laser printer labels, envelopes, colour paper, letterheads, labels, OHP transparencies, glossy paper, bond, pre-printed paper, cardstock

### REGULATIONS

SDIP 27-Level C (former AMSG 784)



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**Poland**

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# COLOUR LASER PRINTER A3

## SIL784-D5550

certified to SDIP-27 Level C



Very economical and highly productive, all-purpose laser printer for colour printouts of high quality.

**SIL784-D5550** printer (based on HP LJ5550) can create accurate colour, precise drawings, and great images up to A3 size. Featuring HP Imageret 3600, a suite of advanced printing technologies, the printer automatically provides professional, superior print quality. Plus, the uniform size and spherical shape of HP toner particles in HP Color LaserJet Smart print cartridges ensure a broad range of colors and precise placement for accurate colour and excellent image reproduction.

With printing speeds up to 27 pages per minute (ppm), and a first-page-out speed of under 16 seconds, you will never have to wait long for your documents. Expand your printing potential and print even complex documents with images in no time with a 533 MHz processor and 128 MB RAM.

The **SIL784-D5550** colour laser printer is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.

# COLOUR LASER PRINTER A3 SIL784-D5550

## Technical Specifications

### PRINT SPEED

Black A4: 27 ppm  
Color A4: 27 ppm

### RESOLUTION

600 x 600 dpi

### DUTY CYCLE, MONTHLY

Up to 120 000 pages per month

### INTERFACES

USB port

### PAPER TRAYS

1 x 100-sheet multipurpose,  
1 x 500-sheet feeder

### MEMORY

128 MB (max 512 MB)

### PROCESSOR

533 MHz

### STANDARD PRINTER LANGUAGES

HP PCL 6, HP PCL 5c (HP PCL 5c driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v1.3)

### MEDIA TYPES

Letter, legal, executive, 11 x 17 in, ledger, envelopes (No. 10, Monarch), statement

### REGULATIONS

SDIP-27 Level C (former AMSG 784)

### AVAILABLE MODELS

SIL784-D5550 (basic model)

SIL784-D5550n (basic model + F/O network 100 Mbps on ST connectors)

SIL784-D5500dn (basic model + duplex + F/O network 100 Mbps on ST connectors)



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**02-374 Warsaw**  
**Poland**

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# MOBILE PRINTER

## SIL784-D470

certified to SDIP-27 Level C



Experience true mobility with the **SIL784-D470** printer (based on HP OJ H470) new, full-featured mobile printer that delivers high-quality printing for documents and photos.

#### PRODUCT FEATURES:

- Print colour documents and true-to-life photos with 4800 x 1200 dpi using optional 6-ink color or gray pen based on HP Vivera Inks;
- Create professional business documents and print on a wide variety of media;
- Get direct photo printing from your digital camera via Pictbridge or from a memory card using the multi-format card slots, which support CompactFlash, Secure Digital and MultiMedia Card;
- Easily print photos from 4 x 6 borderless up to 8.5 x 11 with borders.

The **SIL784-D470** printer is built to meet **SDIP-27 Level C (former AMSG 784)** requirements.

# MOBILE COLOUR INKJET PRINTER SIL784-D470

## Technical Specifications

**BLACK PRINT SPEED (normal quality mode)**

Up to 7.7 ppm

**COLOUR PRINT SPEED (draft mode)**

Up to 18 ppm

**PRINT QUALITY, black**

Up to 1200 x 1200 dpi

**PRINT QUALITY, colour**

Up to 4800 optimized dpi colour and 1200 input dpi

**MONTHLY DUTY CYCLE**

Up to 5 000 pages

**INTERFACES**

USB port, card slots for CompactFlash Type I, Secure Digital, and MultimediaCard

**PAPER HANDLING**

Input capacity: up to 50 sheets

Duplex printing: Manual (driver support provided)

**MEMORY**

32 MB

**PROCESSOR**

192 MHz

**STANDARD PRINTER LANGUAGES**

HP PCL 3 enhanced

**MEDIA TYPES**

Paper (inkjet, photo, plain), cards (greeting, index), envelopes, labels, transparencies

**REGULATIONS**

SDIP-27 Level C (former AMSG 784)



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**Poland**

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# COLOUR INKJET PRINTER A3

## SIL784-D7000

certified to SDIP-27 Level C



Affordable and proven versatile printing for output on larger format media up to A3+ with this reliable, easy-to-use colour inkjet printer.

The **SIL784-D7000** colour inkjet printer delivers professional print quality and performance on a wide choice of media. .

The **SIL784-D7000** printer is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.

# COLOUR INKJET PRINTER SIL784-D7000

## Technical Specifications

**BLACK PRINT SPEED (normal quality mode)**

9.1 ppm

**COLOUR PRINT SPEED (normal quality mode)**

5,5 ppm

**PRINT QUALITY, black**

Up to 1200 x 1200 dpi

**PRINT QUALITY, colour**

4800 x 1200 dpi

**DUTY CYCLE**

Up to 5 000 pages per month

**INTERFACES**

USB port

**TOTAL MEDIA CAPACITY**

Up to 150 sheets

**MEMORY**

32 MB

**PROCESSOR**

96 MHz

**STANDARD PRINTER LANGUAGES**

HP PCL 3 enhanced

**MEDIA TYPES**

Banners, envelopes, greeting cards, iron-on transfers, labels, photo paper, plain paper, transparencies

**REGULATIONS**

SDIP-27 Level C (former AMSG 784)



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# COLOR INKJET PTINTER

## SIL784-D2500

certified to SDIP-27 Level C



The **SIL784-D2500** colour printer (based on RICOH Gx2500) delivers surprisingly rich color, business-ready speed and dependable performance. GelSprinter™ technology blends the speed and quality of laser with the affordability of inkjet, enabling to print eye-catching color, maintain high productivity and reduce expenses.

The **SIL784-D2500** printer is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.

# COLOUR INKJET PRINTER SIL784-D2500

## Technical Specifications

**BLACK AND COLOUR PRINT SPEED**

28 ppm

**PRINT QUALITY**

Up to 1200 x 1200 dpi

**INTERFACES**

USB port

**PAPER INPUT CAPACITY**

Up to 250 sheets

**PAPER OUTPUT CAPACITY**

150 sheets

**MEMORY**

16 MB

**PROCESSOR**

200 MHz

**PRINTER LANGUAGE**

RPCS

**MEDIA TYPES**

Plain paper, Inkjet Plain Paper, Recycle Paper, Thick Paper, Envelop

**REGULATIONS**

SDIP-27 Level C (former AMSC 784)



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# MULTIFUNCTION PRINTER A4

## SIL784-D220s

certified to SDIP-27 Level C



The **SIL784-D220s** colour multifunction printer (based on Ricoh Aficio SP C220s) delivers affordable multitasking. It is compact, easy to use and provides tools for office productivity in accurate, attractive colour.

The **SIL784-D220s** colour multifunction printer is built to meet **SDIP-27 Level C** (former **AMSG 784**) requirement.

# COLOUR MULTIFUNCTION PRINTER A4 SIL784-D220s

## Technical Specifications

### PRINT SPEED

Copying: 16 copies-per-minute

Printing: 16 ppm

### RESOLUTION

600 x 600 dpi

### INTERFACE

USB port

### NETWORK

100 Mbps F/O ST

### PAPER INPUT CAPACITY

1 x 250-sheet tray,

1 x sheet bypass tray

### PAPER OUTPUT CAPACITY

150 sheets

### PAPER SIZE

Copier: A6 - A4

Scanner: maximum A4

### MEMORY

128 MB

### REGULATIONS

SDIP-27 Level C (former AMSG 784)



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# MULTIFUNCTION PRINTER A3

## SIL784-D2030

certified to SDIP-27 Level C



With the **SIL784-D2030** colour multifunction printer (based on Ricoh Aficio MP C2030) cost-conscious users can produce outstanding black & white documents and add affordable, yet eye-catching color, when they need it most. For all your critical workflows, the SIL784-D2030 helps you meet your deadlines, communicate with your customers.

The **SIL784-D2030** colour multifunction printer is built to meet **SDIP-27 Level C** (former **AMSG 784**) requirement.

# COLOUR MULTIFUNCTION PRINTER A3 SIL784-D2030

## Technical Specifications

### PRINT SPEED

Copying: 20 copies-per-minute  
Printing: 20 ppm

### RESOLUTION

600 x 600 dpi

### INTERFACE

USB port

### NETWORK

100 Mbps F/O ST

### PAPER INPUT CAPACITY

2 x 250-sheet tray,  
1 x 100-sheet bypass tray

### PAPER OUTPUT CAPACITY

Maximum: 550 sheets

### PAPER SIZE

Copier: A6 - A3  
Scanner: A5 - A3

### MEMORY

512 MB

### PROCESSOR

400 MHz

### REGULATIONS

SDIP-27 Level C (former AMSG 784)



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**02-374 Warsaw**  
**Poland**

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# LARGE-FORMAT COLOUR INKJET PRINTER

## SIL784-D510ps

certified to SDIP-27 Level B



The **SIL784-D510ps** is a high-quality, large-format color printer for technical and business customers who need illustrations, schematics, drawings, plans, or presentations.

The SIL784-D510ps provides you with:

- separate ink cartridges for lower cost per copy and limited user interaction;
- easy-to-follow control panel for simplified user interaction;
- smart supplies monitor ink usage and printhead status;
- USB connection, plus network capability.

The **SIL784-OEP500ps plus** colour inkjet printer is built to meet **SDIP-27 Level C** (former **AMSG 784**) requirement.

# LARGE-FORMAT COLOUR INKJET PRINTER SIL784-D510ps

## Technical Specifications

### PRINT SPEED

Line Drawings: 90 seconds (fast mode); Color Images: 85 ft<sup>2</sup>/hr (fast mode), 36 ft<sup>2</sup>/hr (normal), 21 ft<sup>2</sup>/hr (best)

### RESOLUTION

1200 x 600 dpi

### MEMORY

32 MB (max 128 MB)

### MEDIA

Paper (plain, inkjet, coated, heavyweight coated, high-gloss, semi-gloss, natural tracing, photo), Clear film, Matte film

### INTERFACES

USB port

### STANDARD PRINTER LANGUAGES

PCL3, PostScript 3

### REGULATIONS

SDIP-27 Level C (former AMSG 784)



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**Poland**

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# Scanner

## SIL784-S8300

certified to SDIP-27 Level C



Create high-resolution, professional scans for graphics, photos and documents with the versatile **SIL784-S8300** Professional Image Scanner. Ideal for the high-end general office user or graphics professional, the SIL784-S8300 easily performs common tasks such as email, scan to PDF, copies and more with front panel one-touch buttons. With HP's triple-sensor scanning technology and high-quality optics, this scanner delivers graphic professionals excellent image quality while maintaining fast and quiet operation. The SIL784-S8300 scanner adjusts resolution to fit the job, from 75-dpi up to 4800-dpi for professional-quality images.

The professional SIL784-S8300 image scanner is able to edit photos with included HP Photosmart software with HP Real Life technology and Adobe Photoshop Elements software. Additionally the SIL784-S8300 scans and archives 35 mm slides and negatives or medium- and large-format film using a built-in transparent materials adapter.

The **SIL784-S8300** scanner is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.



# Scanner SIL784-S8300

## Technical Specifications

**SCANNER TYPE**

Flatbed

**OPTICAL RESOLUTION**

4800 x 4800 dpi

**MAXIMUM SCAN SIZE**

8.5" x 14"

**CONTROL PANEL**

4 task buttons, scan-to destination button, Copy button with number of copies & color/black-and-white selectors, Power button, cancel button, settings button, LCD display

**BIT DEPTH**

48-bit Color, 8-bit Grayscale

**SCAN SIZE MAXIMUM**

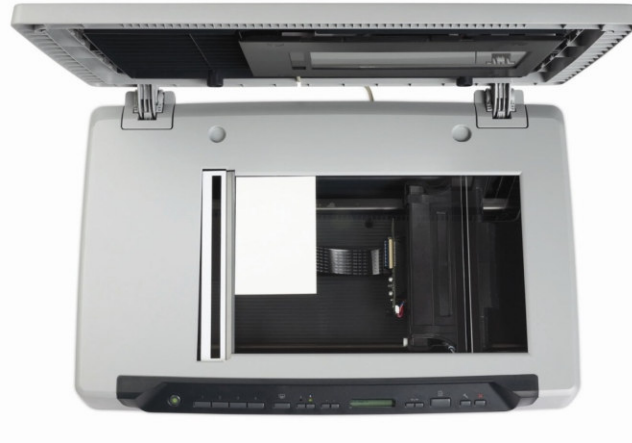
8.5 x 14 in (216 x 356 mm)

**INTERFACES**

USB port

**REGULATIONS**

SDIP-27 Level C (former AMSG 784)



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# MOBILE SCANNER

## SIL784-S600

certified to SDIP-27 Level C



When exceptional quality scanning is a must and space is an issue – reach for the perfect solution – The **SIL784-S600** scanner (based on Pentax Dsmobile 600).

The SIL784-S600 mobile scanner is colour scanner for high-quality images and documents which can be used in the office or on the road.

One touch of the button on the on the SIL784-S600 will launch your choice of compatible scanning programs. Make a preferred scanning program your default and that one touch will initiate that program.

The **SIL784-S8300** scanner is built to meet **SDIP-27 Level C (former AMMSG 784)** requirement.

# MOBILE SCANNER SIL784-S600

## Technical Specifications

### OPTICAL RESOLUTION

600 dpi

### MAXIMUM SCAN SIZE

8.5" x 14" (216 x 356 mm)

### BIT DEPTH

48-bit colour internally, outputs 24-bit

8-bit gray scale

1-bit black and white

### SCAN SIZE MAXIMUM

8.5 x 14 in (216 x 356 mm)

### INTERFACES

USB port

(no external power supply needed)

### REGULATIONS

SDIP-27 Level C (former AMSG 784)



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**Poland**

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# FAX MACHINE

## SIL784-UF6100

certified to SDIP-27 Level C



Versatility is the essence of the **SIL784-UF6100**. More than just a top performance fax machine that can go head-to-head with high-end faxes. And with its environment-friendly design, the SIL784-UF6100 is a dependable, cost-effective choice.

The **SIL784-UF6100** fax machine is built to meet **SDIP-27 Level C (former AMSG 784)** requirement.



# FAX MACHINE SIL784-UF6100

## Technical Specifications

### MODEM SPEED

33.600 - 2.400 bps with automatic fallback

### CODING SCHEME

MH/MR/MMR

### TRANSMISSION SPEED

Approx. 3 sec.

### DOCUMENT SIZE

Max.: 257 mm x 2000 mm (with operator's assistance)

Min.: 148 mm x 128 mm

### EFFECTIVE SCANNING WIDTH

208mm (A4)

### AUTOMATIC DOCUMENT FEEDER CAPACITY

30 sheets (60 g/m<sup>2</sup>)

### SCANNING RESOLUTION (FAX)

Standard: 8 dots/mm x 3.85 lines/mm

Fine: 8 dots/mm x 7.7 lines/mm

Super Fine: 8 dots/mm x 15.4 lines/mm

16 dots/mm x 15.4 lines/mm\*4

### SCANNING SPEED

Approx. 3 sec. (A4, Standard mode)

### PRINTING SPEED

6ppm

### RECORDING PAPER SIZE

A4 / Letter / Legal

### RECORDING PAPER CAPACITY

250 sheets (75 g/m<sup>2</sup>) Max. 500 sheets with optional Paper Feed Unit

### RECORDING RESOLUTION

Fax / Copy: 406 dpi x 391 dpi

Printer: 600 dpi x 600 dpi

### IMAGE MEMORY CAPACITY

8 MB (Approx. 480 pages)

### REGULATIONS

SDIP-27 Level C (former AMSG 784)



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# TEMPEST NETWORK EQUIPMENT

certified to SDIP-27 Level C

## SERVERS

The **SIL784-SF V240** server maximizes compute power and data center space, boosts high-speed network connectivity, and serves as a secure and powerful expansion platform.



The **SIL784-DL380** server is an affordable, flexible network attached storage solution delivering quick and simple storage with multi-protocol file support and storage management for enterprise and workgroup environments. It provides excellent storage management, data



## SWITCH

The **SIL784-FES8516** is a managed switch that brings enhanced security and Layer 2-4 intelligence to networks, offers advanced attack detection and suppression capabilities for increased security and advanced QoS to support converged applications.



TEMPEST NETWORK EQUIPMENT SDIP-27 Level C

# THIN CLIENT

The thin client **SIL784-SR2FS** provide customers with an interoperable desktop computing solution that reduces the maintenance, upgrade, and operational costs associated with most "fat" PC client environments.

The stateless nature of SIL784-SR2SF thin client allows for complete session mobility, improves workflow, and helps ensure the protection of data. Because there is no operating system on the desktop, users can access any application running on the



The SIL784-SR2FS thin client process only keyboard input and screen output, leaving all of the application processing and storage to the server. The user is greeted with a rich, simple experience, while the administrator is rewarded with a centrally managed and reliable environment. The SIL784-SR2FS thin client is simple "plug-and-work," zero administration devices, much like the telephone. And as such, they are completely stateless, meaning they are always on, readily accessible, and easily replaceable.

# ROUTER

The **SIL784-R2881** Integrated Services Router is part of the Cisco 2800 Integrated Services Router Series which complements the Integrated Services Router Portfolio.



**Siltec is flexible and able to undertake challenging projects. Anytime there is a request for a non-standard TEMPEST server, the company is prepared to investigate available on the market solutions to meet our customers needs. Research & Development Department provide consultation services. Should you have specialist needs, then do, please, contact our office.**

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# MEDIA CONVERTER

## SIL784-MC101

certified to SDIP-27 Level C



**SIL784-MC101** media converter allows conversion from 100 BASE-TX to 100 BASE-FX.

Provides one port 100 BASE-TX, one fiber optic 100 BASE-FX port with ST connector.

- Converts Copper Fast Ethernet to Multimode fiber
- Operates under all traffic loads
- Fan-less design
- Auto MDI/MID-X Copper Port
- Missing Link Support
- Transparent to Jumbo packets and VLAN tagged packets
- Fiber Link Test Function

The **SIL784-MC101** media converter is built to meet **SDIP-27 Level C (former AMSE 784)** requirement.

# MEDIA CONVERTER A4 SIL784-MC101

## Technical Specifications

### STANDARD

IEEE 802.3. 10BASE-T  
IEEE 802.3u 100BASE-TX  
IEEE 802.3u 100BASE-FX

### NETWORK MEDIA

10BASE-T UTP Cat.3,4,5, up to 100m  
100BASE-TX UTP Cat.5, up to 100m  
100BASE-FX 9/125 m or 10/125 m single-mode fiber optic, up to 20km

### PROTOCOL

CSMA/CD

### NUMBER OF PORTS

1x10/100BASE-TX w/RJ-45 connector  
1x100BASE-FX Single-Fiber Bi-direction w/SC connector

### NETWORK DATA TRANSFER RATE

Ethernet: 10Mbps (Half-duplex); 20Mbps (Full-duplex)  
Fast Ethernet: 100Mbps (Half duplex), 200Mbps (Full-duplex)

### DIAGNOSTIC LEDs

Per unit: Power  
Per point: Link/Activity, Full-duplex/Collision Speed (only for TX port)

### POWER ADAPTER

7.5VDC/1.5A

### POWER CONSUMPTION

7.2watts. (max.)

### REGULATIONS

SDIP-27 Level C (former AMSE 784)



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# TEMPEST

## RUGGEDISED NOTEBOOK

### SIL784-RN3+



Ruggedised Notebook **SIL784-RN3+** is built from the inside and out to withstand extreme environments and is one of the toughest computers on the market. Water, dust, vibrations and dirt are no problem for SIL784-RN3+.

SIL788-RN3 has a processor and graphic capacity allowing heavy and demanding applications to run with maximum performance.

Built to Survive.

- Magnesium/Aluminium Casing
- Rain and dust resistant design
- Low and High operating temperatures
- Vibration and shock resistant design
- Sealed port and connector covers
- Flexible Connectivity
- HDD Shock Mount
- SDIP-27 Level C (former AMSC 784)
- MIL-STD461E (optional)
- MIL-STD810F, IP 55

# TEMPEST RUGGEDISED NOTEBOOK SIL784-RN3+

## Technical Specification



<b>CPU:</b>	Intel Core 2 Duo Mobile T5500 (2 x 1,66 GHz, 2 MB shared Level 2 Cache)
<b>RAM:</b>	1 GB DDR II RAM (expandable to 4 GB)
<b>HDD:</b>	50 GB HDD removable
<b>Drives:</b>	DVD - ROM
<b>Display:</b>	LCD 15,1" TFT, XGA (1024x768)
<b>VGA:</b>	INTEL GMA 950, up to 224 MB shared RAM
<b>Interfaces:</b>	2x RS-232, 1x parallel, 1x PS/2, 2x USB 2.0, 2x IEEE 1394, 1x VGA, PCMCIA (1x Typ II, 1x Express Card), 3x audio
<b>Audio:</b>	AC97 Sound, 2 integrated speakers
<b>Keyboard:</b>	US International, water and dust proof, backlight
<b>Battery:</b>	7200 mAH Lithium-Ion
<b>Colour:</b>	Nato-Olive or black
<b>Operating temp.:</b>	-20C to +50C
<b>Storage temp.:</b>	-40C to +70C
<b>Standards:</b>	SDIP-27 Level C (former AMSG 784), MIL-STD810F, IP 55

### Options:

MIL-STD461E Navy Fixed & Air Force  
MIL-STD461E Navy Mobile & Army  
HDD 120 GB (with heating system, operating at -20C to +50C)  
HDD 250 GB (with heating system, operating at -20C to +50C)  
Upgrade resolution of the display to SXGA+ (1400x1050)  
Fiberoptic LAN with LC connector, Multimode 1300 Nm  
DVD+CD-RW or DVD/RW instead of DVD  
Additional primary 7200mAH battery  
Additional second 6600mAH battery  
Dual battery charger  
Vehicle adapter (12-32V)  
Flash HDD  
Docking Station including 2 x PCI Express slot and 1 x PCI slot  
Shockmount  
MIL-connector for DC-In  
Carrying case



Notebook SIL784-RN3+ has magnesium/aluminum case (rain, dust, vibration and shock proof, can work at low and high temperatures according to IP 55 and MIL-STD810F).  
SIL788-RN3 is built to meet SDIP-27 Level C (former AMSG 784) requirement.



DOCKING  
STATION



CONNECTOR COVERS



SHOCKMOUNT



MIL-CONNECTOR  
FOR DC-IN

**Siltec Sp. z o.o.**  
**ul. E.Orzeszkowej 5**  
**02-374 Warsaw**  
**Poland**

**tel. (0 22) 572-18-00**  
**fax: (0 22) 823-66-46**  
**tempest@siltec.pl**  
**www.siltec.pl**

# TEMPEST RUGGEDISED TABLET PC SIL784-RT



Ruggedised Tablet PC **SIL788-RT** is one of the toughest terminals on the market with specifications for extreme environments. It is expandable, upgradeable and suits special applications. SIL784-RT has a processor and graphic capacity for heavy and demanding applications with high performance. It works equally well, mounted in a docking station, or as a stand alone unit in the field.

SIL784-RT is built for such military applications as:

- Vehicle mounting
- Naval applications
- Outdoor environments, all year round

Built to Survive.

- Magnesium/Aluminium Casing
- Rain and dust resistant design
- Low and High operating temperatures
- Vibration and shock resistant design
- Sealed port and connector covers
- Programmable built-in function keys
- NATO SDIP27 Level C (former AMSG 784)
- MIL-STD 461E Navy Fixed & Air Force
- MIL-STD 810F, IP 54

# TEMPEST RUGGEDISED TABLET PC SIL784-RT

## Technical Specification

**CPU:** Intel Core 2 Duo 1.1 Ghz ULV, 2MB Level 2 Cache  
**RAM:** 1 GB DDR II RAM (expandable to 4 GB)  
**HDD:** 50 GB HDD removable  
**Display:** LCD 8,4" TFT, XGA, touchscreen  
**VGA:** INTEL GMA 950, up to 224 MB shared RAM  
**Interfaces:** 1x USB, 1x RS-232, 1x LAN, 1x docking connector  
**Audio:** AC97 Sound, 2 integrated speakers  
**Powersupply:** AC-Adapter, rugged 3-PIN DC-Connector  
**Battery:** 4400 mAH Lithium-Ion  
**Colour:** Nato-Olive  
**Operating temp.:** -20C to +50C  
**Storage temp.:** -40C to +70C  
**Standards:** SDIP-27 Level C (former AMSG 784),  
MIL-STD461E Navy Fixed & Air Force,  
MIL-STD810F, IP 54



### Options:

MIL-STD461E Navy Mobile & Army  
HDD 120 GB (with heating system, operating at -20C to +50C)  
HDD 250 GB (with heating system, operating at -20C to +50C)  
Port PCMCIA 2x Typ II lub 1x Typ III  
External ruggedised keyboard with mousepoint (USB)  
Additional primary 4400mAH battery  
Additional second 6000mAH battery  
Dual battery charger  
Vehicle adapter (12-32V)  
Rubber jacket  
Flash HDD  
Camera module  
Docking Station  
Vehicle and table mounting  
Carrying case



Tablet PC SIL784-RT has magnesium/aluminum case (rain, dust, vibration and shock proof, can work at low and high temperatures according to IP 54 and MIL-STD810F).  
SIL788-RT is built to meet SDIP-27 Level C (former AMSG 784) requirement.



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**ul. E.Orzeszkowej 5**  
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# TEMPEST RUGGEDISED PDA SIL784-RPDA



Ruggedised **SIL784-RPDA** is built around a magnesium casing and meets strict environmental standards such as MIL-STD-810F and IP 65.

SIL784-RPDA is built for such military applications as:

- Field Operations in harsh environments
- Naval
- Vehicle

Built to Survive.

- Magnesium Casing
- Small dimensions and weight
- Rain and dust resistant design
- Low and High operating temperatures
- Vibration and shock resistant design
- Sealed port and connector covers
- Flexible Connectivity
- SDIP-27 Level C (former AMSG 784)
- MIL-STD 461E Navy Fixed & Air Force
- MIL-STD 810F, IP 65

# TEMPEST RUGGEDISED PDA SIL784-RPDA

## Technical Specification

**CPU:** Intel Bulverde @ 624MHz (PXA270), nVidia 4800  
**RAM:** 128 MB RAM  
**ROM:** 1 GB ROM  
**Display:** 4" TFT, touchscreen  
**Interfaces:** 1x USB host, 1x USB client, 1x RS-232, 1x SD-Card, 1x PCMCIA Type II (internal),  
1x docking connector, 1x mic, 1x headphones  
**Battery:** 3.6V, 3900 mAh Lithium-Ion  
**OS:** Window CE 5.0 or Windows Mobile 6.0  
**Colour:** Nato-Olive  
**Operating temp.:** -20C to +50C  
**Storage temp.:** -40C to +70C  
**Standards:** SDIP-27 Level C (former AMMSG 784),  
MIL-STD461E Navy Fixed & Air Force,  
MIL-STD 810F, IP 65



### Options

MIL-STD461E Navy Mobile & Army  
PCMCIA port accessible externally (PDA will be IP 54 compatible)  
Additional battery 7,4 V, 1800 mAh Li-Ion  
Vehicle adapter (12-32V)  
Docking station  
Ruggedised keyboard  
SD Card

SIL788-RPDA has magnesium case (rain, dust, vibration and shock proof, can work at low and high temperatures according to IP 65 and MIL-STD810F).

SIL784-RPDA is built to meet SDIP-27 Level C (former AMMSG 784) requirement.



Programable  
function keys



RS-232 with cover



Handle

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# ADDITIONAL TEMPEST SOLUTIONS

ADDITIONAL TEMPEST SOLUTIONS



# TEMPEST EXTERNAL ADAPTERS



TEMPEST external adapters are designed to work with TEMPEST notebooks and workstations which meet SDIP-27 requirements.

External adapters are built to meet SDIP-27 Level A (former AMSS 720B) or Level B (former AMSS 788A) requirement.

# TEMPEST EXTERNAL ADAPTERS

External media card reader

SDIP 27-Level A - SIL720-FCR USB  
SDIP 27-Level B - SIL788-FCR USB



External standard USB port adapter

SDIP-27 Level A - SIL720-PDR USB  
SDIP-27 Level B - SIL788-PDR USB



External port replicator

SDIP-27 Level A - SIL720-LPT USB  
SDIP-27 Level B - SIL788-LPT USB



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# SILTEC 1600 UPS power system

Reliable power protection.



The **SILTEC 1600 UPS** power system is designed to work with computer sets which meet SDIP-27 requirements and is confirmed with Type Certificate issued by the Polish NSA (ABW).

The **SILTEC 1600 UPS** instantly switches your computer to emergency battery backup power and allows you to work through brief power outages or to shut down your system in the event of an extended outage. High-performance surge suppression protects your computer from electrical noise and damaging power surges.

The **SILTEC 1600 UPS** power system is a reliable power solution for Tempest computers.

# SILTEC 1600 UPS power system

## Technical Specification

Item	Detailed description
Interface	+
Manual restart	+
No. of outputs	3-4
AVR	+
Dimensions HxWxD	345x255x340 mm
Weight net	28 kg
Nominal input voltage	220-240 VAC, 1 phase, 50 Hz
Load for PF=0,6	1600 VA, 960W
Input voltage range	170-258VAC or 264VAC +/-3VAC
Rated input current	6A
Switching time	1,5 ms
Supporting time (80% load)	9 min
Output Voltage on battery operation	230VAC +/-7%
Output Voltage form on battery operation	approximated sinusoid
Voltage Frequency on battery operation	50 Hz +/-1%
Output Voltage on network and AVR operation	195-258/264VAC +/-3VAC
AVR operation	170-200VAC +/-3 VAC
Battery type	CSB 7Ah, maintenance free VRLA
Number of batteries	4
Battery life time	3-5 years, depends on operation
Recharge time to 80% capacity at load separation 50%	6-8 h
Overvoltage protection	varistor 280J/4kV
Filters	EMI/RFI
Output protection on battery operation	Electronic – short-cut and overload
Input protection	Fuses 2x10A



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# TEMPEST FILTERS

SIL-TFS6A, 10A, 20A



The **SIL-TFS** power filter series (6A, 10A, 20A) are designed to meet filter attenuation requirements required for TEMPEST protection.

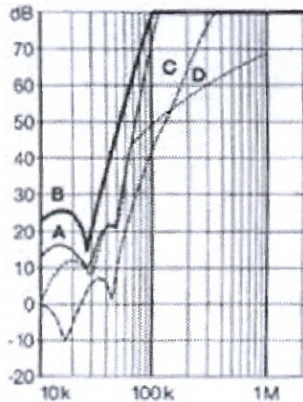
Filter technical parameters are compatible with installation requirements for equipment on which confidential information is being processed according to SDIP-29 standard.

The **SIL-TFS** filters eliminate or limit conductive compromising emanation as well as provide overvoltage protection.

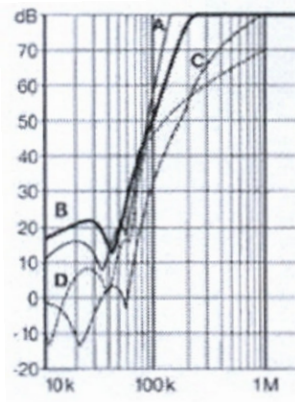
# TEMPEST FILTERS

SIL-TFS 6A,10A,20A

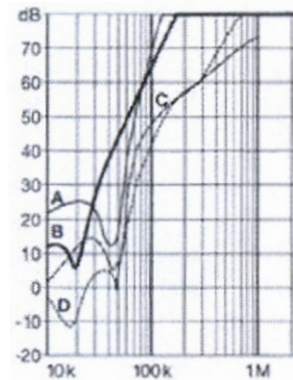
## Filter attenuation



6A types

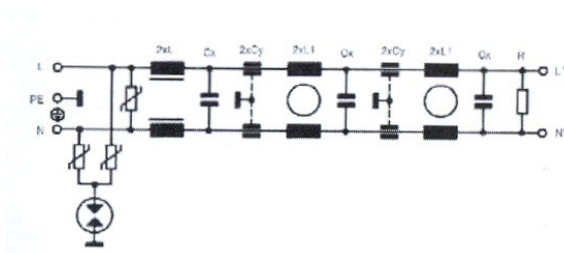


10A types

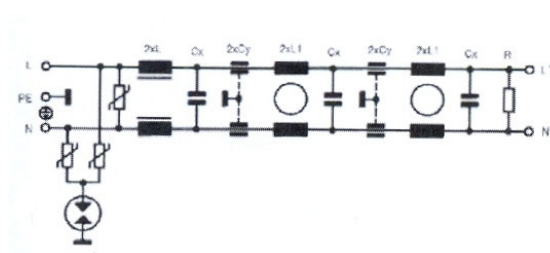


20A types

## Electrical schematic



6A and 10A types



20A types

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Poland

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