POWER REQUIREMENTS

Two external power supplies available:

> 120 VAC, 60 Hz (U.S., Canada)

> 100-240 VAC, 50-60Hz (Universal)

> The STS 1032 comes with an internal power supply (100-240 VAC, 50 60 Hz, 25 VA)

REGULATORY

> FCC Class A
> CE mark
> DOC Class A

SAFETY

> UL
> CE mark
> CUL

DIMENSIONS

STS 1002/1008
> Height: 1.2" (3.1 cm)
> Width: 8.1" (20.6 cm)
> Depth: 5.9" (14.8 cm)

STS 1616:
> Height: 1.2" (3.1 cm)
> Width: 8.1" (20.6 cm)
> Depth: 11.05" (28.5 cm)

STS 1400/1800
> Height: 1.1" (2.8 cm)
> Width: 8.1" (20.6 cm)
> Depth: 5.5" (14.1 cm)

STS 1610
> Height: 1.2" (3.1 cm)
> Width: 11.5 (29.3 cm)
> Depth: 5.4" (13.8 cm)

STS 1032
> Height: 1.8" (4.5 cm)
> Width: 15.1" (38.4 cm)
> Depth: 7.6" (19.2 cm)

WEIGHT

STS 1002/1008
> 1.2 lbs. (0.6 kg),
> 4.2 lbs. (1.8 kg) maximum shipping weight

STS 1400/1800
>1.0 lbs. (0.5 kg),
> 4.0 lbs. (1.8 kg) maximum shipping weight

STS 1616
> 2.1 lbs. (1.0 kg),
> 5.1 lbs. (2.3 kg) maximum shipping weight

STS 1032
> 3.3 lbs. (1.5 kg),
> 6.3 lbs. (2.9 kg) maximum shipping weight

DIGI SERVICE AND SUPPORT

You can purchase with confidence knowing that Digi is here to support you with expert technical support, a strong five-year warranty and a 30-day money-back guarantee.

MODEL/PART NUMBERS

> SCSI Terminal Server 1002	#70001448
> SCSI Terminal Server 1008	#70001450
> SCSI Terminal Server 1032	#70001435
> SCSI Terminal Server 1400	#70001436
> SCSI Terminal Server 1610	#70001437
> SCSI Terminal Server 1616	#70001438
> SCSI Terminal Server 1800	#70001440

Digi International
11001 Bren Road E.
Minnetonka, MN 55343
U.S.A.

http://www.dgii.com

Customer Service and Technical Support:
North America:
800-344-4273
612-912-3456
support fax:
612-912-4985
Europe:
(+49) 231-9747-280

e-mail:
cust_serv@dgii.com

Digi
Connectability

91000876
A1/1198

PRODUCT DATA SHEET

SCSI Terminal Server

High-speed serial ports for UNIX and NT

- SCSI bus used as interface to host—no internal card slots required
- 2, 4, 8, 16, or 32 EIA232 asynchronous serial ports from one SCSI address
- Parallel port available for excellent laser printer performance
- Speeds up to 115 or 230 Kbps
- Full modem control and flow control
- Drivers for UNIX and Windows NT
- Flash memory for instant field upgrades
- Stackable models available

Digi
Connectability

SCSI Terminal Server Overview

SCSI Terminal Servers® provide from two to 32 local serial ports that require no complex network overhead. The ports, which are simple to install and configure, attach externally to the SCSI bus of a UNIX® or Windows NT® system. The EIA232 ports can be used for connecting devices such as terminals, modems, and printers. Three models offer the additional benefit of a standard Centronics parallel port to support an even wider range of perpherials. All SCSI Terminal Servers work with UNIX systems from Sun®, Hewlett-Packard®, DEC/Compaq®, and Silicon Graphics, as well as with systems running Windows NT®.

Efficiency and Expandability

The SCSI Terminal Server attaches externally via the standard SCSI system bus, a single card slot. A SCSI-1 switch and two SCSI-2 connectors are located on the back of each unit. The unit can be easily daisy-chained to other SCSI Terminal Servers and a wide variety of SCSI peripherals.

Ease of Use

Unlike conventional terminal servers that must use TELNET and RLOGIN to create pseudo-ports, the SCSI Terminal Server provides real serial ports that appear as local TTYs under UNIX and as native COM ports under Windows NT. This makes the SCSI Terminal Server simple to install and configure, without the problems of complex network protocols. The simple instruction guide and automated procedures save you valuable time.

Performance

The SCSI Terminal Server supports speeds up to 115 or 230 Kbps. The intelligent design allows this performance to be achieved efficiently, with minimal impact on the SCSI bus even during peak loads. A simple packetizing protocol allows multiple lines to be serviced with each SCSI transaction, minimizing bus-loading and decreasing CPU overhead.

Device Drivers

Operating system drivers for UNIX and Windows NT are provided at no extra charge with each unit. The drivers install automatically and provide several useful utility programs.

classic performance

STS 1002

Processor and Memory
> CPU - 40 MHz 188 embedded microcontroller
> RAM - 128 flash at zero wait-states
> EPROM - 128 flash at zero wait-states

SCSI Connections
> 3.2 Mbps sync and asynch data transfer rates
> Two 50-pin SCSI-2 connectors for simple daisy-chaining

Serial I/O
> Baud rates to 230 Kbps
> Modem controls supported: RTS, CTS, DTR, DSR, DCD

Parallel I/O
> Standard Centronics printer port with PC-compatible female DB25 pinout (output only)

Connectors
> DB25 female connectors
> Transient-voltage surge suppression built in

STS 1008

Processor and Memory
> CPU - 40 MHz 188 embedded microcontroller
> RAM - 128 flash at zero wait-states
> EPROM - 128 flash at zero wait-states

SCSI Connections
> 3.2 Mbps sync and asynch data transfer rates
> Two 50-pin SCSI-2 connectors for simple daisy-chaining

Serial I/O
> Baud rates to 230 Kbps
> Modem controls supported: RTS, CTS, DTR, DSR, DCD

Parallel I/O
> Standard Centronics printer port with PC-compatible female DB25 pinout (output only)

Connectors
> DB25 female connectors
> Transient-voltage surge suppression built in

STS 1032

Processor and Memory
> CPU - 40 MHz 186 embedded microcontroller
> RAM - 256 flash at zero wait-states
> EPROM - 128 flash at zero wait-states

SCSI Connections
> 5 Mbps sync and asynch data transfer rates
> Two 50-pin SCSI-2 connectors for simple daisy-chaining

Serial I/O
> Baud rates to 115 Kbps
> Modem controls supported: RTS, CTS, DTR, DSR, DCD

Connectors
> Transient-voltage surge suppression built in

STS 1400

Processor and Memory
> CPU - 40 MHz 188 embedded microcontroller
> RAM - 128 flash at zero wait-states
> EPROM - 128 flash at zero wait-states

SCSI Connections
> 4 Mbps sync and asynch data transfer rates
> Two 50-pin SCSI-2 connectors for simple daisy-chaining

Serial I/O
> Baud rates to 230 Kbps
> Modem controls supported: RTS, CTS, DTR, DSR, DCD

Connectors
> RJ45 female connectors
> Transient-voltage surge suppression built in

STS 1610

Processor and Memory
> CPU - 40 MHz 186 embedded microcontroller
> RAM - 256 flash at zero wait-states
> EPROM - 128 flash at zero wait-states

SCSI Connections
> 5 Mbps sync and asynch data transfer rates
> Two 50-pin SCSI-2 connectors for simple daisy-chaining

Serial I/O
> Baud rates to 115 Kbps
> Modem controls supported: RTS, CTS, DTR, DSR, DCD

Connectors
> RJ45 female connectors
> Transient-voltage surge suppression built in

STS 1616

Processor and Memory
> CPU - 40 MHz 186 embedded microcontroller
> RAM - 128 flash at zero wait-states
> EPROM - 128 flash at zero wait-states

SCSI Connections
> 5 Mbps sync and asynch data transfer rates
> Two 50-pin SCSI-2 connectors for simple daisy-chaining

Serial I/O
> Baud rates to 230 Kbps
> Modem controls supported: RTS, CTS, DTR, DSR, DCD

Connectors
> DB25 female connectors
> Transient-voltage surge suppression built in

STS 1800

Processor and Memory
> CPU - 40 MHz 188 embedded microcontroller
> RAM - 128 flash at zero wait-states
> EPROM - 128 flash at zero wait-states

SCSI Connections
> 4 Mbps sync and asynch data transfer rates
> Two 50-pin SCSI-2 connectors for simple daisy-chaining

Serial I/O
> Baud rates to 230 Kbps
> Modem controls supported: RTS, CTS, DTR, DSR, DCD

Parallel I/O
> Standard Centronics printer port with PC-compatible female DB25 pinout (output only)

Connectors
> RJ45 female connectors
> Transient-voltage surge suppression built in