

MSS Universal Thin Servers



MSS Universal Thin Servers

The MSS Universal Thin Server family of products provides the user with the most cost-effective and complete serial-connectivity solution set available today. Whether it be via RS-232, RS-422, RS-423 or RS-485, the MSS family makes it easy to network-enable any device with a serial interface.

- TCP/IP (Unix), IPX (Novell), LAT (DEC) support
- DB25 (MSS1-T and MSS1-T2) or RJ45/screw block (MSS485-T) serial interfaces
- RJ45 (10BASE-T) network interface (10BASE2 additional on MSS1-T2)
- Wide variety of port and network configuration options
- Management via telnet, SNMP, DHCP, and EZWebCon, Lantronix's own web-based management software
- Automatic network connection on power up or during restarts
- CD-ROM with EZWebCon software and comm port redirector software
- Flash ROM for easy software upgrades



MSS485, MSS1-T and MSS1-T2 Specifications

MSS485

PROTOCOLS SUPPORTED:

IPX (Novell NetWare), TCP/IP (Unix),
LAT (DEC)

COMPATIBILITY:

Ethernet version 2/IEEE 802.3

DEVICE SUPPORT:

Supports any RS-485 serial port device
requiring Ethernet access

NETWORK INTERFACE:

RJ45 10BASE-T connector

SERIAL INTERFACE:

RS-485 selectable RJ45 port/connector
block with screw-type terminals
DB9 console (RS-423/RS-232) port for
configuration and monitoring

DATA RATES:

Serial speeds up to 115.2 kbps

MODEM CONTROL:

RTS, CTS, DSR, DTR

FLOW CONTROL:

XON/XOFF
Hardware flow control

MANAGEMENT:

SNMP Compatible: Supports MIB II
EZWebCon, Lantronix's Web-based
configuration utility
DHCP
Telnet and LAT logins

SOFTWARE:

Flash ROM Standard: new software can
be easily downloaded from a TCP/IP host
(TFTP download), DECnet host (MOP
download) or NetWare file server

DIAGNOSTIC LEDs:

Good Link
Unit OK
Power
Serial Activity

PHYSICAL DIMENSIONS:

H 5.75 in x W 4.25 in x D 0.8 in
(15 cm x 11 cm x 2.5 cm)

SHIPPING DIMENSIONS:

H 9.75 in x W 4.5 in x D 7.25 in
(24.5 cm x 11 cm x 18.5 cm)
Weight: 3 lbs. (1.4 Kg)

POWER REQUIREMENTS:

6VDC @ 0.7A (external adapter included)

ENVIRONMENTAL:

Operating Temperature: 5° to 50°C
(41° to 122°F)
Storage Temperature: -40° to 66°C
(-40° to 151°F)

AGENCY APPROVALS:

FCC A, UL, CSA, TUV, CE

WARRANTY:

5-year limited warranty

MSS1-T/MSS1-T2

PROTOCOLS SUPPORTED:

IPX (Novell NetWare), TCP/IP (Unix),
LAT (DEC)

COMPATIBILITY:

Ethernet version 2/IEEE 802.3

DEVICE SUPPORT:

Supports any serial port device requiring
Ethernet access

NETWORK INTERFACE:

MSS1-T Supports 10BASE-T (RJ45)
connections
MSS1-T2 Supports 10BASE-T (RJ45)
and 10BASE2 (BNC) connections

SERIAL INTERFACE:

1 RS-423/RS-232 DB25-male connector

DATA RATES:

Serial speeds up to 115.2 kbps

MODEM CONTROL:

RTS, CTS, DSR, DTR

FLOW CONTROL:

XON/XOFF
Hardware flow control

MANAGEMENT:

SNMP Compatible: Supports MIB II
EZWebCon, Lantronix GUI configuration
utility for Unix workstations and
Novell PCs
DHCP
Telnet and DECnet logins

SOFTWARE:

Flash ROM Standard: new software can
be easily downloaded from a TCP/IP host
(TFTP download), DECnet host (MOP
download) or NetWare file server

DIAGNOSTIC LEDs:

Good Link
Unit OK
Power
Serial Activity

PHYSICAL DIMENSIONS:

H 5.75 in x W 4.25 in x D 0.8 in
(15 cm x 11 cm x 2.5 cm)

SHIPPING DIMENSIONS:

H 9.75 in x W 4.5 in x D 7.25 in
(24.5 cm x 11 cm x 18.5 cm)
Weight: 2.6 lbs. (1.2 Kg)

POWER REQUIREMENTS:

6VDC @ 0.7A (external adapter included)

ENVIRONMENTAL:

Operating Temperature: 5° to 50°C
(41° to 122°F)
Storage Temperature: -40° to 66°C
(-40° to 151°F)

AGENCY APPROVALS:

FCC A, UL, CSA, TUV, CE

WARRANTY:

5-year limited warranty

ORDERING INFORMATION

MSS1-T-01 Universal thin server, 1 DB25 (RS-423/
RS-232) serial port, 1 RJ45 (10BASE-T)
networking port, diagnostic LEDs,
Installation Guide, CD-ROM with
EZWebCon software, comm port redirector
software and reference manual, external
120VAC power supply

MSS1-T-02 Same as above with 220VAC
power supply

MSS1-T-2-01 Universal thin server, 1 DB25
(RS423/RS-232) serial port, 1 RJ45
(10BASE-T) and BNC (10BASE2)
networking ports, diagnostic LEDs,
Installation Guide, CD-ROM with
EZWebCon software, comm port
redirector software and reference manual,
external 120VAC power supply

MSS1-T-2-02 Same as above with 220VAC
power supply

MSS485-T-01 Universal thin server, 1 RJ45/Screw
terminal (RS-485/RS-422) serial port,
1 DB9 (RS-232) console port, 1 RJ45
(10BASE-T) networking port, diagnostic
LEDs, Installation Guide, CD-ROM with
EZWebCon software, comm port redirector
software and reference manual, external
120VAC power supply

MSS485-T-02 Same as above with 220VAC
power supply