

CoBox DinRail

Industrial Thin Servers



CoBox DinRail

The CoBox DinRail industrial thin server network-enables any device with either RS-232 or RS-485 connections via RJ45 or screw terminal connectors. The CoBox DinRail comes in a rugged housing designed to snap easily into any DIN rail mounting rack. Support for a broad range of networking features including raw sockets, serial tunneling over IP, connections to dedicated hosts, buffer control, and IP packet controls.

- Flexible, well-developed IP protocol implementation
- Protocol customization available
- Bridges serial links over the network
- 10BASE-T Ethernet interface (RJ45)
- RS-232, RS-422, RS-485 serial standards, switch selectable
- Supports multiple serial devices through RS-485 standard (up to 16)
- Master or Slave functionality selectable in software



CoBox DinRail Specifications

CoBox-DR1

PROTOCOLS SUPPORTED:

IP-ARP, UDP, TCP, SNMP and TFTP

COMPATIBILITY:

Ethernet: Version 2.0/IEEE 802.3

NETWORK INTERFACE:

RJ45 (10BASE-T) Ethernet

SERIAL INTERFACE:

RS-232/RS-422/RS-485 screw terminal blocks or RJ45 serial port

DATA RATES:

300bps to 38.4Kbps

MODEM CONTROLS:

RTS, CTS

FLOW CONTROL:

XON/XOFF
Hardware flow control

MANAGEMENT:

SNMP (read only)
SNMP proxy, private MIBs available
Serial login
Telnet login

SOFTWARE:

Flash ROM standard: new software can be downloaded from a TCP/IP host (TFTP) or over serial port

DIAGNOSTIC LEDs:

OK
Fault
Network Activity
Good Link
Transmit Data
Receive Data

PHYSICAL DIMENSIONS:

H 6.0 cm x L 9.5 cm x D 3.5 cm
(2.4 in x 3.7 in x 1.4 in)

POWER REQUIREMENTS:

9-30VDC accepted
Power Consumption: 3 Watts

ENVIRONMENTAL:

Operating Temperature: 0° to 60°C
Humidity: 20% to 90% (non-condensing)

AGENCY APPROVALS:

CE, FCC, C/UL, TUV, FM (pending)

WARRANTY:

5-year limited warranty

ORDERING INFORMATION

CoBox-DR1 Industrial thin server, DinRail mounting, screw block terminals (RS-232, RS-422, RS-485) or RJ45 (10BASE-T) network port, diagnostic LEDs, Installation Guide, can support 9-30VDC power input

Other Lantronix Universal Thin Servers:

CoBox-E2-01 Universal thin server, 1 DB25 (RS-232/RS-423/RS-485) serial port, 1 DB9 (RS-232) serial port, AUI (10BASE5) and RJ45 (10BASE-T) network ports, diagnostic LEDs, Installation Guide, external 110VAC power supply

CoBox-E2-02 Same as above with 230VAC power supply

CoBox-E2-03 Same as above with European 2-prong 230VAC power supply

CoBox-TR2-01 Universal thin server, 1 DB25 (RS-232/RS-423/RS-485) serial port, 1 DB9 (RS-232) serial port, STP (SubD9) or UTP (RJ45) Token Ring ports, diagnostic LEDs, Installation Guide, external 110VAC power supply

CoBox-TR2-02 Same as above with 230VAC power supply

MSS100-01 10/100 Universal thin server, 1 DB25 (RS-423/RS-232) serial port, 1 10/100 RJ45 networking port, diagnostic LEDs, Installation Guide, CD-ROM with EZWebCon software, comm port redirector software and reference manual, external 120VAC power supply

MSS100-02 Same as above with 220VAC power supply

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-T2-02 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

Available mid-1999

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