

Real Serial Ports on Ethernet!



EtherLite[®] **Port Servers**

Central Data's new EtherLite Port Servers make adding RS-232 and RS-422 serial ports to your network easier than ever. They blend the control and performance of local ports with the convenience of an Ethernet connection. Since the EtherLite ports are real serial devices, they aren't weighed down by complex network terminal server overhead. The result is a much simpler configuration, less Ethernet congestion, and a much lower cost per port when compared to conventional Ethernet terminal servers.

EtherLite Port Servers are compatible with UNIX[®] workstations and servers from Sun, HP, IBM, and DEC, and with systems running Windows NT,[®] Java,[™] or SCO.

Special Product Highlights

- ◆ 2, 8, 16, or 32 asynchronous serial ports per unit.
- ◆ High speed rates up to 230K baud supported.
- ◆ Multiplexes all serial ports on a single TCP/IP session, minimizing Ethernet traffic.
- ◆ Auto-detects either 10 or 100 Megabit Ethernet (EL-160 & EL-162 only).
- ◆ Both RS-232 and RS-422/485 serial ports available.
- ◆ High-performance parallel port (EL-8+ only) for superb laser printer performance.
- ◆ Full modem control and hardware/software flow control on all ports.
- ◆ Stackable cabinets—optional rack-mount hardware and power supply also available.
- ◆ Surge protection provided on all serial lines for increased reliability.
- ◆ FLASH memory for instant field upgradability.
- ◆ Complete, easily-installed software drivers for Windows NT and UNIX.
- ◆ Full RAS support for Windows NT.
- ◆ Five-year warranty. Two-year warranty on external power supplies.
- ◆ 30-day money-back guarantee.

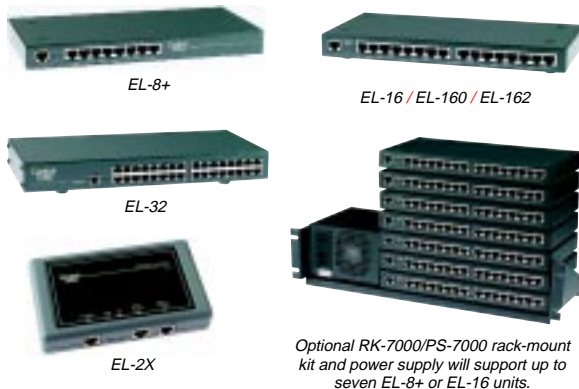
**Central
Data**

1602 Newton Drive, Champaign, IL 61821-1098 • (217) 359-8010 • (800) 482-0315
FAX (217) 359-6904 • info@cd.com • www.cd.com

Product Benefits

Reduced Ethernet Traffic. EtherLite Port Servers are not typical Ethernet terminal servers. The traffic from all 2, 8, 16, or 32 EtherLite ports is serviced by a single TCP/IP session, compared to the conventional one-session-per-port method. The obvious EtherLite benefit is less overhead at the host, and less traffic on Ethernet. EtherLite serial ports appear as local tty's under UNIX and as native COM ports under Windows NT. These locally-administered, full "hardware-style" ports allow much greater control than standard terminal server ports.

Easy Installation. Operating system drivers (Windows NT or UNIX) are provided free with each unit on CD-ROM or may be downloaded from ftp.cd.com. Simply attach the units to twisted-pair Ethernet, load the device driver on a UNIX or NT host, and set the IP address. Free driver notification is available through SUS (Software Update Service), which can be found on our web site.



Product Specifications

- CPU:** 40MHz 80C186 embedded microcontroller.
EL-8+, EL-2X: 40MHz 80C188 embedded microcontroller.
- SRAM:** 128K - 512K at zero wait-states.
- EPROM:** 128K FLASH at zero wait-states.
- Ethernet:** 10Base-T interface.
EL-160 & EL-162 only: Auto-detecting 10Base-T/100Base-TX interface.
- Serial I/O:** Baud rates from 75 to 230K baud. RJ-45 female connectors. RS-232 modem control signals supported: RTS, CTS, DTR, DSR, and DCD.
EL-162 only: TXD and RXD signals for ports individually-switchable between RS-232 and RS-422/485 using externally-accessible DIP switches. Transient voltage suppression built-in.
- Parallel:** **EL-8+** only: Standard Centronics printer port with PC-compatible female DB-25 pinout.
- Regulatory:** FCC Class A, European CE mark, DOC Class A. Safety: UL, CE mark, CUL.
- Power:** Two external power supplies available. 120 VAC, 60 Hz. (U.S. & Canada). 100-240 VAC, 50-60 Hz. (Universal).
EL-32 only: Built-in power supply. 120 VAC, 60 Hz., 25 VA.

Model	Ethernet Connection	Serial Ports	Maximum Baud Rate	Parallel Port	Dimensions	Weight
EL-2	10Base-T	2 (RS-232)	230K	—	1.2" (2.9 cm) high, 3.8" (9.5 cm) wide, 6.3" (16.0 cm) deep	0.5 lbs. (0.2 kg)
EL-2.1	10Base-T	2 (1=RS-232, 1=RS-422)	230K	—	1.2" (2.9 cm) high, 3.8" (9.5 cm) wide, 6.3" (16.0 cm) deep	0.5 lbs. (0.2 kg)
EL-2.2	10Base-T	2 (RS-422)	230K	—	1.2" (2.9 cm) high, 3.8" (9.5 cm) wide, 6.3" (16.0 cm) deep	0.5 lbs. (0.2 kg)
EL-8+	10Base-T	8 (RS-232)	115K	1	1.2" (3.1 cm) high, 11.5" (29.3 cm) wide, 5.4" (13.8 cm) deep	3.1 lbs. (1.4 kg)
EL-16	10Base-T	16 (RS-232)	115K	—	1.2" (3.1 cm) high, 11.5" (29.3 cm) wide, 5.4" (13.8 cm) deep	3.1 lbs. (1.4 kg)
EL-32	10Base-T	32 (RS-232)	115K	—	1.8" (4.5 cm) high, 15.1" (38.4 cm) wide, 7.6" (19.2 cm) deep	5.8 lbs. (2.6 kg)
EL-160	10/100Base-TX	16 (RS-232)	230K	—	1.2" (3.1 cm) high, 11.5" (29.3 cm) wide, 5.4" (13.8 cm) deep	3.1 lbs. (1.4 kg)
EL-162	10/100Base-TX	16 (RS-232 or RS-422)	115K	—	1.2" (3.1 cm) high, 11.5" (29.3 cm) wide, 5.4" (13.8 cm) deep	3.1 lbs. (1.4 kg)