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The Source for Ports
for over 20 years.

Serial Device Servers – Simply network-enable any RS-232 serial device

LAVA Ether-Serial Links extend serial connections across any distance (including the Internet). Access and control serial ports across a LAN/WAN. LAVA Ether Link Manager makes the serial ports appear as native COM ports, which enables Windows® (and any applications running on the PC) to 'see' those ports as internal ones.

- | | |
|-------------------|---|
| ESL 1-232-DB9 | Ether-Serial Link Single RS-232 IP-enabled 9-pin serial port |
| ESL 1-232-RJ45 | Ether-Serial Link Single RS-232 IP-enabled 10-pin RJ-45 serial port, power on pin 10 |
| ESL 1-422-DB9 | Ether-Serial Link Single RS-422 IP-enabled 9-pin (F) serial port |
| ESL 1-485-DB9 | Ether-Serial Link Single RS-485 IP-enabled 9-pin (F) serial port |
| ESL 2-232-DB9 | Ether-Serial Link Dual RS-232 IP-enabled 9-pin serial ports |
| ESL 2-232-RJ45 | Ether-Serial Link Dual RS-232 IP-enabled 10-pin RJ-45 serial ports, power on pin 10 |
| ESL 2-422-DB9 | Ether-Serial Link Dual RS-422 IP-enabled 9-pin (F) serial ports |
| ESL 4-232-DB9 | Ether-Serial Link Four-port RS-232 IP-enabled 9-pin serial ports |
| ESL 4-232-RJ45 | Ether-Serial Link Four-port RS-232 IP-enabled 10-pin RJ-45 serial ports, power on pin 10 |
| ESL 4-232-DB9-CBL | Ether-Serial Link Four-port RS-232 IP-enabled 9-pin serial ports, fanout cable |
| ESL 5-232-DB9-EMB | Ether-Serial Link Five-port RS-232 IP-enabled 9-pin serial ports, for embedded applications |
| ESL 8-232-DB9-CBL | Ether-Serial Link Eight-port RS-232 IP-enabled 9-pin serial ports, fanout cables |
| ESL 8-232-RJ45 | Ether-Serial Link Eight-port RS-232 IP-enabled 10-pin RJ-45 serial ports, power on pin 10 |



Ether-Serial Link
2-232-DB9

Payment Terminal Servers w. SSL – IP-enable legacy/dial-up terminals

LAVA PayLink-IP enables legacy/dial-up credit/debit payment terminals with a secure Ethernet connection (128-bit SSL encryption).

- | | |
|-----------------|--|
| PayLink-IP/232 | Single RS-232 IP-enabled 9-pin serial port with SSL Ver. 3.0 |
| PayLink-IP/Dial | Single IP-enabled RJ-11 POTS port with SSL Ver. 3.0 |



PayLink-IP/232

DataTap-IP – POS surveillance with text overlay

LAVA Data-Tap-IP overlays receipt printer transaction data with digital POS surveillance video.

- | | |
|-----------------------|---|
| DataTap-IP 2 DB-9-232 | Dual RS-232 IP-enabled 9-pin serial ports w. redirectional pass-through |
| DataTap-IP 4 DB-9-232 | Four RS-232 IP-enabled 9-pin serial ports w. redirectional pass-through |



DataTap-IP

Serial, Parallel and Multi-port PCI cards

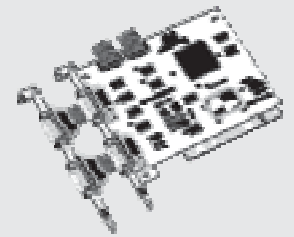
Add extra high-speed serial, parallel, or combination ports to any PCI-equipped PC.

Serial

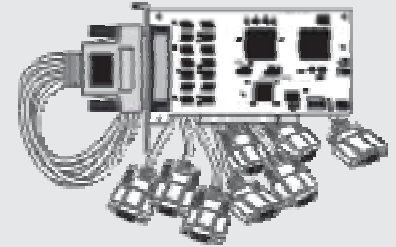
SSerial-PCI	Single 9-pin serial, 16550 UART
SSerial-PCI/LP	Single 25-pin serial, 16550 UART, low profile
LavaPort-650	Single 9-pin serial, 16650 UART, 460.8 kbps capable
RS422 SS-PCI	Single 9-pin serial, 16550 UART, RS-422 pinout
DSerial-PCI	Dual 9-pin serial, 16550 UARTs
DSerial-PCI Powered	Dual 9-pin serial, 16550 UARTs, powered 5 & 12 VDC serial ports
DSerial-PCI 3.3V	Dual 9-pin serial, 16550 UARTs, for 3.3 volt PCI
DSerial-PCI/LP	Dual 9-pin serial, 16550 UARTs, low profile w. fanout cable
LavaPort-PCI	Dual 9-pin serial, 16650 UARTs, 460.8 kbps capable
Quattro-PCI	Four-port 9-pin serial, 16550 UARTs
Quattro-PCI Powered	Four-port 9-pin serial, 16550 UARTs, powered 5 & 12 VDC serial ports
Quattro-PCI 3.3V	Four-port 9-pin serial, 16550 UARTs, for 3.3 volt
Quattro-PCI/LP	Four-port 9-pin serial, 16550 UARTs, low profile w. fanout cable
LavaPort-Quad	Four-port 9-pin serial, 16650 UARTs, 460.8 kbps capable
Octopus-550	Eight-port 9-pin serial, 16550 UARTs w. octopus fanout cable

Parallel	
Parallel-PCI	Single EPP parallel, PCI bus
Parallel-PCI 3.3V	Single EPP parallel, for 3.3 volt
Parallel-PCI/LP	Single EPP parallel, low profile
Dual Parallel-PCI	Dual EPP parallel

Other	
SP-PCI	Single 9-pin serial, 16550 UART + single parallel
2SP-PCI	Dual serial (9 & 25-pin), 16550 UARTs + single EPP parallel
2SP-PCI Powered	Dual serial (2 x 9-pin), 16550 UARTs + single EPP parallel, powered 5 & 12 VDC serial
LavaPort-Plus	Dual serial (9 & 25 pin), 16650 UARTs + single EPP parallel
8255-PIO	8255 PIO interface card, PCI bus
FireWire-IDE	Single IEEE 1394 to-IDE interface controller
USB 1.1 Host Adapter	Dual USB 1.1 host adapter



Quattro-PCI



Octopus-550

Serial, Parallel and Multi-port ISA cards

Add extra high-speed serial, parallel, or combination ports to any ISA-equipped PC.

Serial

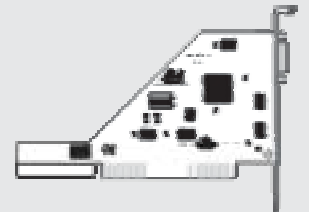
RS422-550	Dual 9-pin serial, 16550 UARTs, RS-422 pinouts
SSerial-550	Single 25-pin serial, Com 1-4, 16550 UART, IRQ 3/4/5/7
DSerial-550	Dual 9-pin serial, Com 1-4, 16550 UARTs, IRQ 2/3/4/5/7/10/11/12/15
LavaPort-ISA	Single 9-pin serial, Com 1-4, 16650 UART, IRQ 2/3/4/5/10/11/12/15, 460.8 kbps capable
LavaPort-PnP	Single 9-pin serial, 16650 UART, Plug & Play configuration, 460.8 kbps capable

Parallel

Par. Bi-directional	Single bi-dir. parallel port, LPT 1/2/3, IRQ 5/7, ISA bus
Parallel-ECP/EPP	Single ECP/EPP, LPT 1-6, IRQ 2/3/4/5/7/10/11/12, ISA bus

Other

2SP-550	Dual 9-pin serial, Com 1-4, 16550 UARTs + single bi-dir. parallel, LPT 1-2, ISA bus
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LavaPort-ISA

Buy LAVA products direct from manufacturer: Call 1-800-241-LAVA (5282). Shop online: <http://lavalink.com/index.php?id=shop>

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About LAVA

LAVA Computer MFG Inc. headquartered in Toronto, ON, Canada, designs and manufactures serial, and parallel I/O boards and Ethernet-to-serial device servers that are widely used in the Point of Sale, Kiosk, Gaming, Industrial Automation, Hospitality, Security and Access Control industries. With well over a million LAVA products built into workstations, servers, retail POS systems, and industrial computers since 1984, LAVA I/O boards and Ether-Serial Links are trusted by resellers, distributors, OEMs and system builders in over 47 countries worldwide. Designed for lifetime performance, each LAVA connectivity link is tested by hand and covered by the LAVA Lifetime Warranty.