

RJ45 port pinouts
Iolan+, and AT/PCI Fast

Perle IOLAN+ RJ45 RS232 serial cable diagrams

- 1 (DCD) In
- 2 (RTS) Out
- 3 (DSR) In
- 4 (TXD) Out
- 5 (RXD) In
- 6 (GND)
- 7 (CTS) In
- 8 (DTR) Out

Terminal diagram Software Flow control

IOLAN+ RJ45	Terminal DB25
4 (TXD) -----	3 (RXD)
5 (RXD) -----	2 (TXD)
6 (GND) -----	7 (Gnd)

Printer Cable diagram DTR flow control

IOLAN+ RJ45	Printer DB25
4 (txd) -----	3 (rxd)
5 (rxd) -----	2 (txd)
6 (gnd) -----	7 (gnd)
7 (cts) -----	20 (dtr)

Note: Perle manufactures this adapter type. Part# 04006933 RJ45 to Printer DB25 Male.

Terminal or PC cable diagrams Hardware Flow control

IOLAN+ RJ45	Terminal or PC DB25
3 (DSR) -----	20 (DTR)
2 (RTS) -----	5 (CTS)
4 (TXD) -----	3 (RXD)
5 (RXD) -----	2 (TXD)
6 (GND) -----	7 (Gnd)
7 (CTS) -----	4 (RTS)
8 (DTR) -----	6 (DSR)

Note: Perle manufactures this adapter. Part# 04006930 RJ45 to PC DB25 Female.

IOLAN+ RJ45	Terminal or PC DB9
3 (DSR) -----	4 (DTR)
2 (RTS) -----	8 (CTS)
4 (TXD) -----	2 (RXD)
5 (RXD) -----	3 (TXD)
6 (Gnd) -----	5 (Gnd)
7 (CTS) -----	7 (RTS)
8 (DTR) -----	6 (DSR)

Note: Perle manufactures this adapter. Part# 04006931 RJ45 to PC DB9 Female.

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Modem cable diagram

IOLAN+ RJ45	Modem DB25
1 (DCD) -----	8 (DCD)
2 (RTS) -----	4 (RTS)
3 (DSR) -----	6 (DSR)
4 (TXD) -----	2 (TXD)
5 (RXD) -----	3 (RXD)
6 (Gnd) -----	7 (Gnd)
7 (CTS) -----	5 (CTS)
8 (DTR) -----	20 (DTR)

Note: Perle manufactures this adapter and cable type. Part# 04006932 RJ45 to DB25 Male (adapter) or cable w/adapter Part# 04001480 RJ45 to DB25 Male (Pak of 4)

Sun Sparc console diagram

IOLAN+ RJ45	Sun DB25
2 (RTS) ----->	5 (CTS)
3 (DSR) <-----	20 (DTR)
4 (TXD) ----->	3 (RXD)
5 (RXD) <-----	2 (TXD)
6 (GND) ----->	7 (Gnd)
7 (CTS) <-----	4 (RTS)
8 (DTR) ----->	6 (DSR)
----->	8 (DCD)

Sun Sparc Netra and Cisco RJ45 console

IOLAN+ RJ45	RJ45 console
2 (RTS) ----->	8 (CTS)
3 (DSR) <-----	2 (DTR)
4 (TXD) ----->	6 (RXD)
5 (RXD) <-----	3 (TXD)
6 (GND) ----->	4 (Gnd)
7 (CTS) <-----	1 (RTS)
8 (DTR) ----->	7 (DSR)

IBM RS6000

IOLAN+ RJ45	RS6000 DB9
2 (RTS) ----->	8 (CTS)
3 (DSR) <-----	1 (DCD)
4 (TXD) ----->	2 (RXD)
5 (RXD) <-----	3 (TXD)
6 (Gnd) -----	5 (Gnd)
7 (CTS) <-----	7 (RTS)