



Sun Quad FastEthernet™ 6U CompactPCI Adapter Product Note

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Part No. 806-2992-12
August 2001, [Revision A](#)

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Declaration of Conformity

Compliance ID: QFE6Uc

Product Name: Sun Quad FastEthernet™ 6U CompactPCI Adapter (Rear Cable-Access)

This product has been tested and complies with the following rules and requirements.

EMC

USA—FCC Class A

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

European Union—EC

This equipment complies with the following requirements of the EMC Directive 89/336/EEC:

EN55022/CISPR22 (1985)		Class A
EN50082-1	IEC801-2 (1991)	4 kV (Direct), 8 kV (Air)
	IEC801-3 (1984)	3 V/m
	IEC801-4 (1988)	1.0 kV Power Lines, 0.5 kV Signal Lines
EN61000-3-2/IEC1000-3-2 (1994)		Pass

Safety

This equipment complies with the following requirements of the Low Voltage Directive 73/23/EEC:

EC Type Examination Certificates:

EN60950/IEC950 (1993)

EN60950 w/Nordic Deviations

Supplementary Information

This product was tested and complies with all the requirements for the CE Mark (when connected to a Sun workstation or server).

/S/

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Declaration of Conformity

Compliance ID: QFE3Uc

Product Name: Sun Quad FastEthernet™ 6U CompactPCI Adapter (Front Cable-Access)

This product has been tested and complies with the following rules and requirements.

EMC

USA—FCC Class A

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

European Union—EC

This equipment complies with the following requirements of the EMC Directive 89/336/EEC:

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Late-Breaking News and Documentation

For late-breaking news on the Sun Quad FastEthernet™ 6U CompactPCI adapter and to find documentation and product information for the Netra™ product line, visit this website:

<http://www.sun.com/netra/>

Screwdriver for Adapter Installation

A No. 2 Phillips screwdriver is required for installation of either the front- or rear-access Sun Quad FastEthernet 6U CompactPCI adapter.

In the *Sun Quad FastEthernet 6U CompactPCI Adapter Installation and User's Guide*, substitute the words “No. 2 Phillips screwdriver” wherever the words “No. 0 Phillips screwdriver” appear.

qfe.conf File

Currently, `qfe.conf` file parameters are not used by the driver during hot swap. You must install a Solaris patch so that the `qfe.conf` file will be recognized during hot swap and after reboot. Once this patch is installed, you can use the `qfe.conf` file to set `qfe` device driver parameters.

This patch applies to the Solaris 8 Update 1 and the Solaris 8 Update 2 operating environments. Contact your Sun service representative to obtain the Solaris patch for this bug (patch ID number 108528-05 and future revisions).

Until the patch is released, use the `ndd` utility as specified in the *Sun Quad FastEthernet 6U CompactPCI Adapter Installation and User's Guide* to set `qfe` device driver parameters.

Conflicts With FastEthernet Switches (100BASE-T)

There are two FastEthernet (100BASE-T) switches that may present difficulties when working with the Sun Quad FastEthernet 6U CompactPCI adapter:

- Bay Networks model 28115/ADV
- SynOptics model 28115

These two switches do not support autonegotiation, which is a protocol that the adapter uses to set the link speed (100 Mbps or 10 Mbps) and link mode (half-duplex or full-duplex). You must disable the autonegotiation protocol and force the link speed and mode using the `ndd` utility or by creating a `qfe.conf` file. Refer to the *Sun Quad FastEthernet 6U CompactPCI Adapter Installation and User's Guide* for instructions on forcing the link speed and mode.

Ethernet Port Pin Descriptions

The RJ-45 Ethernet connector pin descriptions are not correctly described in Appendix A of the *Sun Quad FastEthernet 6U CompactPCI Adapter Installation and User's Guide*.

TABLE 1 shows the correct pin descriptions for the Ethernet connectors.

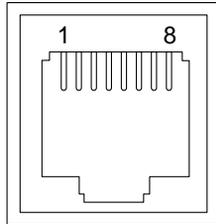


FIGURE 1 Ethernet Connector Pins

TABLE 1 Pin Descriptions for the Four 8-Pin RJ-45 Connectors (Ports 0 to 3)

Description	Port 0	Port 1	Port 2	Port 3
TD+	1	1	1	1
TD-	2	2	2	2
RD+	3	3	3	3
Not Used	4	4	4	4
Not Used	5	5	5	5
RD-	6	6	6	6
Not Used	7	7	7	7
Not Used	8	8	8	8

