Communications Cards

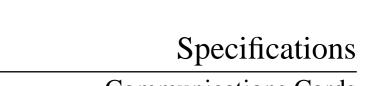Specifications

Communications Cards

ISDN NB Card

Interface   NuBus

Processor   Motorola 68000 microprocessor operating at 10 MHz

Memory   512K of RAM, expandable to 1 MB

**Rate Adaption Data   V.110 at 600, 1200, 2400, 3600, 4800, 7200, 9600, 14400,
Speeds**   and 19200 bps
                       V.120 determined by the remote computer's terminal adapter,
                            which also must use the V.120 protocol

Compatibility   AT&T 5ESS and Northern Telecom DMS-100 ISDN switches

External Connectors   RJ-45 for basic rate (2B+D) four-wire S-interface according to
                            CCITT I.430 specification
                            RJ-11 connector for support of standard DTMF telephone

Miscellaneous   Built-in support for PS2 circuit power at the ISDN S-reference
                            point

Serial NB Card

Interface	NuBus
Processor	Motorola 68000 microprocessor operating at 10 MHz
Memory	512K of RAM, expandable to 1 MB
Data Transfer Speed	19.2 Kbps 64 Kbps (DMA-backed ports)
Power Dissipation	10 W
External Connector	DB-62

Coax/Twinax Card

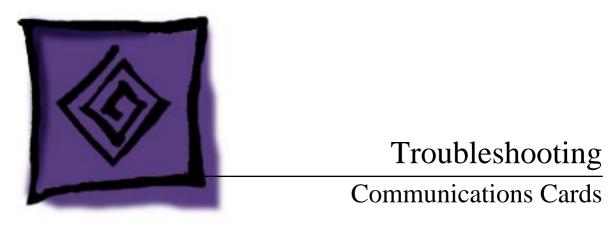|	
Interface	NuBus
Processor	Motorola 68000 microprocessor operating at 10 MHz
Memory	512K of RAM, expandable to 1 MB
Application Programming Interface	Apple 3270 API
Coax Support	Category A

Power Dissipation   10 W

External Connectors   BNC (coax interface)
                          DB-15 (twinax interface)

Troubleshooting

Communications Cards

General

The Symptom Charts included in this chapter will help you diagnose specific symptoms related to your product. Because cures are listed on the charts in the order of most likely solution, try the first cure first. Verify whether or not the product continues to exhibit the symptom. If the symptom persists, try the next cure. (Note: If you have replaced a module, reinstall the original module before you proceed to the next cure.)

For additional assistance, contact Apple Technical Support.

Symptom Charts

ISDN NB Card

I/O error occurs
when you use
MacISDN Config to
verify hardware and
software

1 Reinstall MacISDN software.
2 Verify hardware installation.
3 Restore ISDN NB Card to factory configuration. Disconnect
   external power supply (if connected). Shut down computer,
   wait a few seconds, then switch on computer.

Serial NB Card

Self-test status LED stays red after power-up	1	Switch off computer and reseat card.
	2	Replace Serial NB Card.
MacDFT icon missing from Control Panel	1	Switch off computer and reseat card.
	2	Replace Serial NB Card.