Apple ISDN NB Card: Specifications (Discontinued)

Revised: 8/22/94
Security: Everyone

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TOPIC ----------

This article gives technical specifications for the Apple ISDN NB Card.

DISCUSSION ----------

Hardware

- NuBus card based on the Macintosh Coprocessor Platform

- 68000 processor with 512K of RAM

- RJ-45 connector for basic rate (2B+D) four-wire S-interface according to CCITT 1.430 specification

- RJ-11 connector for support of standard DTMF telephone

- Connector for external power supply

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

Software

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

- V.110 rate adaption data speeds supported: 600, 1200, 2400, 3600, 4800, 7200, 9600, 14400, and 19200 bps

- V.120 rate adaption data speeds supported: determined by the remote computer's terminal adapter, which also must use the V.120 protocol

System Requirements

- A Macintosh II computer running System 7. (The Macintosh IIsi requires a NuBus adapter.)

- Basic rate interface lines that support one of the following ISDN basic rate lines or equivalent:

  - AT&T 5ESS
  - Northern Telecom DMS-100
  - An emulator or PBX that is compatible with one of the above switches

- A basic analog telephone with DTMF dialing.

- A telephone cord to connect your telephone to the RJ-11 connector on the ISDN NB Card.

- Network terminating resistor. (It is recommended that a terminating resistor be used if there is more than 33 feet of cable between the network termination point [NT1] and the Apple ISDN NB Card.)

Note: The Apple ISDN NB Card is NOT ISDN-1 compliant.

Article Change History

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22 Aug 1994 - This product is discontinued.
28 Oct 1992 - Revised to clarify the availability of this card.

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