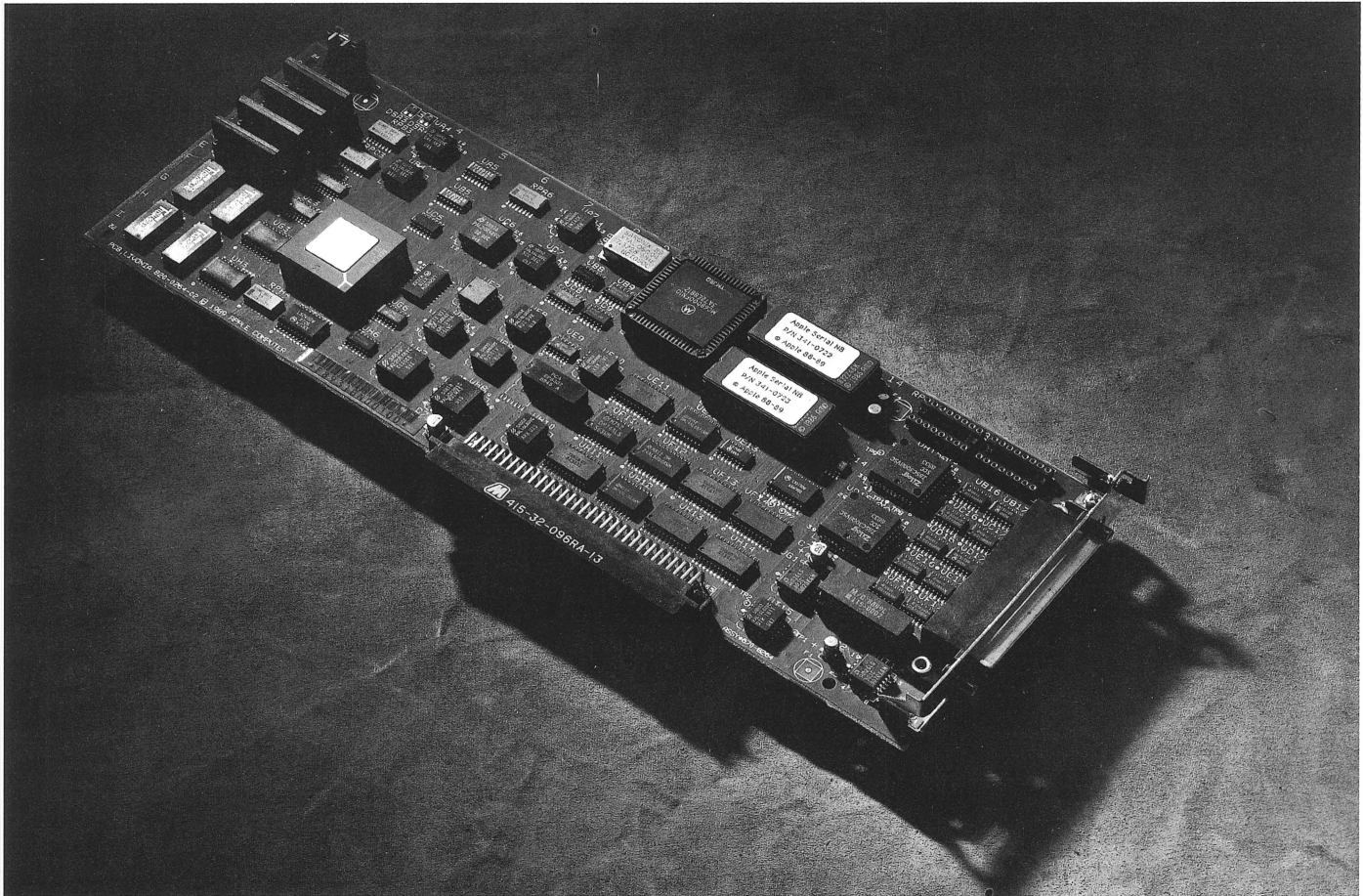# Apple Serial NB Card

Overview

The Apple® Serial NB Card is an expansion card that allows personal computers in the Macintosh® II family of systems to connect to remote systems via a variety of industry-standard serial communications protocols. The card includes four serial ports that support RS-232, RS-422, X.21, or V.35 communications.

An intelligent NuBus™ card, the Apple Serial NB has its own 68000 microprocessor, memory, and multitasking operating system. Operating independently of the main Macintosh II processor, the Serial NB Card supports the execution of communications protocols with minimal access to the Macintosh II processor and operating system. And because all of the communications processing is done on the card, Macintosh applications can run more effectively under MultiFinder.™

When used with Apple's MacAPPC™ software, the Serial NB Card provides a complete SDLC solution, at the physical and data-link layers, for connectivity in the IBM Systems Network Architecture (SNA) environment.

Apple Serial NB Card

Features and Benefits	*Features*	*Benefits*
	▶ Based on the Macintosh Coprocessor Platform™	▶ Handles all communications processing for the Macintosh II.
	▶ Four serial ports, two of which can be configured for high-speed communications	▶ Can be configured for use as RS-232, RS-422, X.21, or V.35 communications ports.

System Requirements	To use the Apple Serial NB Card, you'll need:	▶ A personal computer in the Macintosh II family of systems	▶ Macintosh System Software Version 6.0.3 (or greater)

Technical Specifications	**Connector**	**Processor**	**Power dissipation**
	▶ DB-62 connector—for multiple-port connectivity (cables available separately from Apple Computer)	▶ Motorola 68000 running at 10 megahertz	▶ 12.5 watts
		Memory	**Transmit/Receive data rates**
	Interface	▶ 512K of RAM, expandable to 1 megabyte	▶ 19.2 kilobits per second
	▶ NuBus—plugs into any computer in the Macintosh II family		▶ 64 kilobits per second using the specified DMA-backed ports

Ordering Information	**Apple Serial NB Card**	Order No. M0264	With your order, you'll receive: ▶ Apple Serial NB Card ▶ Installation guide ▶ Limited warranty statement
	MacAPPC (available separately from Apple Computer)	Order No. M0698	With your order, you'll receive: ▶ Four 800K disks with MacAPPC code and sample applications ▶ Documentation on MacAPPC