Apple Serial NB Card

Features and Benefits	*Features*	*Benefits*
	· Based on the Macintosh Coprocessor Platform[s]	· 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 later)

Technical Specifications

Connector
· DB-62 connector--for multiple-port connectivity (cable available separately from Apple Computer)

Interface
· NuBus--plugs into any computer in the Macintosh II family

Processor
· Motorola 68000 running at 10 megahertz

Memory
· 512K of RAM, expandable to 1 megabyte

Power Dissipation
· 10 watts

Transmit/Receive data rates
· 19.2 kilobits per second
· 64 kilobits per second using the specified DMA-backed ports

Ordering Information

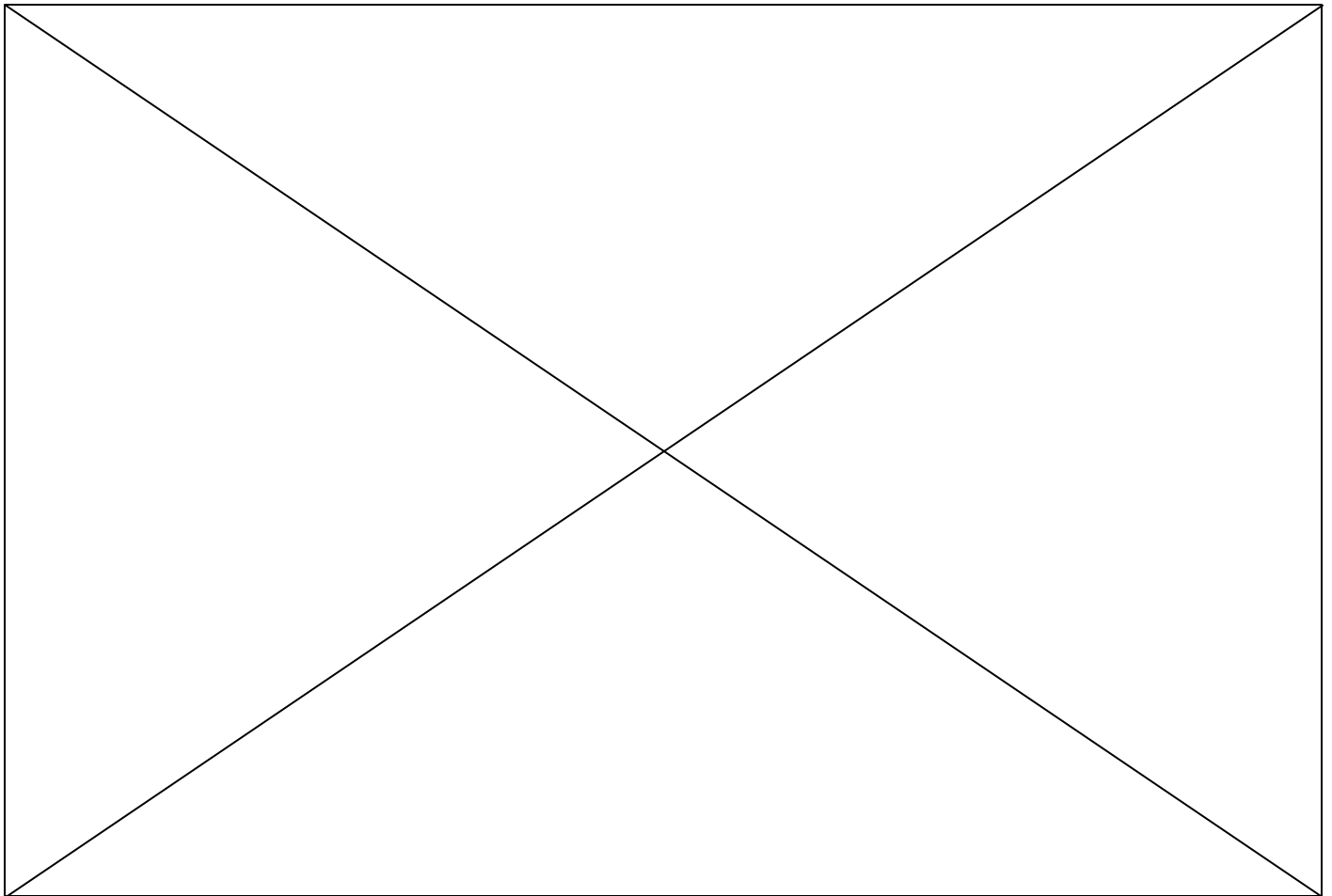|		
Apple Serial NB Card Order No. M0264	With your order, you'll receive: · Apple Serial NB Card · Installation Guide	· Limited warranty statement
MacAPPC (available separately from Apple Computer) Order No. M0698	With your order, you'll receive: · Four 800K disks with MacAPPC code and sample applications	· Documentation on MacAPPC
MCP memory expansion kit Order No. M0145LL/A	With your order, you'll receive: · Four 256K x 4 twenty-pin ZIP DRAMs to be installed by dealer	
MacX25 Order No. M0711	With your order, you'll receive: · Four 800K disks with MacX25 server and user code	· *MacX25 Administrator's Guide* · *MacX25 User's Guide*
MacDFT 1.1 Order No. M0695	With your order, you'll receive: · One 800K disk with MacDFT software	· *MacDFT 1.1 User's Guide*
Apple RS232 Cable M0128LL/A	With your order, you'll receive: · One RS-232 cable with four connectors	

Apple Computer, Inc.

20525 Mariani Avenue
Cupertino, CA 95014
(408) 996-1010
TLX: 171-576

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§ or MacDFT® 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.

MacX25§ software, running on the Serial NB Card, provides packet assembler/disassembler (PAD) services, and X.25 packet-level services to application programs.