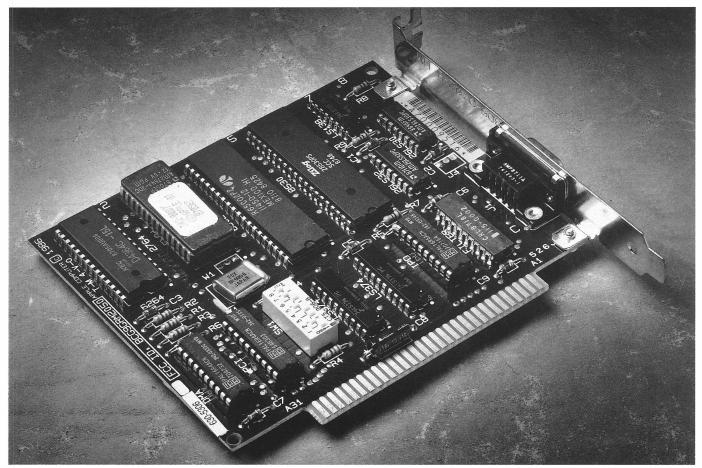# LocalTalk PC Card

Overview

LocalTalk™ PC Card, a half-size card for the PC expansion bus, allows users of MS-DOS computers to share the unique benefits of the AppleTalk® Network System—including the ability to print professional-quality documents on networked Apple® LaserWriter® printers. The LocalTalk PC Card also provides the foundation for other network services, such as electronic mail, print service, and file and peripherals sharing. For example, with the addition of AppleShare® PC software, MS-DOS users can share information with Macintosh® users on the network through an AppleShare file server, and take full advantage of the power of the LaserWriter printer.

Features

▶ LaserWriter printing for PC-compatible computers using PC LaserWriter program

▶ Attaches to LocalTalk Cabling System

▶ Information sharing between Macintosh and MS-DOS systems

Benefits

▶ Brings professional-quality printing to documents produced on PC-compatible computers.

▶ Gives MS-DOS users access to the LaserWriter printer's wide range of type styles and sizes, and graphics capabilities.

▶ Lets Macintosh and PC-compatible computers share information, using software such as AppleShare PC.
▶ Allows integration of MS-DOS information into Macintosh applications such as desktop-publishing programs.
▶ Connects PC-compatible computers to the fastest-growing workgroup network.

LocalTalk PC Card

System Requirements

To use the LocalTalk PC Card, you will need:

▶ An IBM PC, PC XT, PC AT, PS/2 (Model 25 or Model 30), or a compatible computer

▶ A minimum of 256K RAM with either two double-sided floppy disk drives or one hard disk drive and one floppy disk drive, and MS-DOS Version 3.1 or later (or a compatible operating system)

▶ An AppleTalk network that uses the LocalTalk cabling system

▶ A LocalTalk Locking Connector Kit (DB9)

Recommended equipment:

▶ An Apple LaserWriter, LaserWriter Plus, LaserWriter IINT, or LaserWriter IINTX printer

▶ Appropriate LocalTalk network cables for all additional computers on the network

▶ AppleShare File Server and Print Server software

▶ AppleShare PC workstation software

Technical Specifications

▶ **AppleTalk protocol support**

▶ LAP, DDP, ATP, NBP, ZIP, EP, PAP, RTMP, ASP

Driver interface

▶ Accessed through software interrupt with parameter block

Processor

▶ 65C02; 1.8-megahertz clock speed

Memory

▶ 8 kilobytes RAM, 8 kilobytes ROM

AppleTalk communications controller

▶ Zilog 8530 SCC

Interfaces

▶ RS-422 serial port (230.4-kilobaud data transfer rate); DMA interface to host PC

Configuration

▶ Selectable Interrupt Request (IRQ), DMA Request and Acknowledge (DRQ and DACK), and I/O Address; default configuration corresponding to PC COM2 device

Power consumption

▶ 4 watts at 5 volts DC (typical)

Size

▶ PC half-size card (5 in. long by 4.5 in. high)

Applications supported

▶ Lotus 1-2-3, MultiMate, and WordStar (directly from PC LaserWriter program menu)

▶ dBASE II, III, and III Plus; DisplayWrite 3; Framework I and II; Microsoft Word 3.0; MultiMate Advantage; PC-Write; Perfect Writer; RBase 5000; Symphony; SideKick; Word-Perfect; and WordStar and WordStar 2000 (through ASCII menu option)

Print-file formats supported

▶ PostScript®

▶ Diablo 630

▶ ASCII

Printer utilities functions

▶ Select LaserWriter

▶ Rename LaserWriter

▶ Send test page

Accessible fonts

▶ Courier, Helvetica®, and Times® Roman (directly from PC LaserWriter program menu)

▶ All LaserWriter fonts (using PostScript commands)

PostScript programming access

▶ PostScript programming additions may be made directly within the text of a file, or indirectly by modifying the PC LaserWriter program dictionary files so that programming additions can be made available to all documents.

Ordering Information

LocalTalk PC Card
Order No. M2313

With your order, you'll receive:

▶ LocalTalk PC Card

▶ Two 360-kilobyte, 5.25-inch floppy disks (a startup disk and an applications disk)

▶ One 3.5-inch disk (includes both startup and application)

▶ *LocalTalk PC Card Owner's Guide*

▶ Limited warranty statement

LocalTalk Locking Connector Kit (DB9)

Order No. M2065

AppleShare PC Software

Order No. M0673