

Personal Mini™ Model PM/4T

The Personal Mini from TeleVideo is a powerful computer system that contains everything professional business people need. Just as its name implies, the Personal Mini combines the multi-user capabilities of a minicomputer with the friendliness, size, and economy of a personal computer. Similar to a personal computer network, the Personal Mini is based on a distributed processor architecture; it consists of a central computer with a powerful, resource-sharing operating system. IBM® PCs and IBM PC-compatible personal computers connect as workstations.

The Personal Mini, Model PM/4T, is based on the Intel 80186 and ZILOG Z80A microprocessors. The PM/4T is a high-performance desktop computer that manages overall system activity. Mass storage consists of a 21-megabyte (formatted) Winchester drive, a floppy drive, and an integral streaming tape drive. Up to four workstations can be connected to the PM/4T. An additional eight users can be hooked up with the PM Expansion, bringing storage up to 65 megabytes. Supported peripherals include serial and parallel printers and a system console.

Operating inside the PM/4T is the advanced **InfoShare™/M** operating system. InfoShare/M allows workstations to access and share files and programs stored in the PM/4T disk drives as well as share peripherals connected to the PM/4T. It gives the Personal Mini minicomputer-like capabilities because of its multi-user functionality. InfoShare/M is compatible with a large library of true multi-user software packages. It also allows single-user IBM PC-DOS™ applications to be executed by many users concurrently.

Workstations connected to the PM/4T can be IBM personal computers, IBM-compatible personal computers, or the cost-effective PM Workstation. Because each workstation has its own processing capabilities, overall system throughput is not reduced.

Write or phone TeleVideo today to learn more about the capabilities of the Personal Mini, the computer system that offers minicomputer capabilities at personal computer prices.

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Z80A is a registered trademark of ZILOG Corporation.



 **TeleVideo Systems, Inc.**

Specifications

Microprocessor

80186 16-bit (speed: 8 MHz)
Z80A® 8-bit (speed: 4 MHz)

Memory

256-kilobyte dynamic RAM
28-kilobyte EPROM
4-kilobyte static RAM

Operating System

InfoShare / M

Applications Software

PC-DOS 2.0 and above
InfoShare / Netware multi-user applications

Connected Workstations

PM Workstation, Tele-PC PLUS,
Tele-XT PLUS, TPC II,
TeleColor-PC, TeleColor-XT
IBM PC / XT
Other IBM PC-compatible personal computers

Disk Drives

One Winchester (hard) disk drive
One floppy drive
One tape drive (streamer)

Diskettes

Dual-density, double-sided, 48 TPI
5¼-inch floppy diskettes

Recommended Tapes

Teac #CT-450

Storage Capacity

Floppy: 360 kilobytes (formatted)
500 kilobytes (unformatted)
Hard: 21.3 megabytes (formatted)
26 megabytes (unformatted)
Tape: 17 megabytes (formatted)
20 megabytes (unformatted)

Transfer Rate

Floppy: 250 kilobits/sec
Hard: 5 megabits/sec
Tape: 700 kilobits/sec

Access Time

Floppy: 164 milliseconds average
Hard: 85 milliseconds average

Input / Output

Two RS-232C serial asynchronous ports, 150-19.2 kilobyte baud
Four RS-422 serial ports, 800 kilobyte/sec (SDLC link)
One Centronics-type parallel port

Distance Between PM / 4T and Connected Workstations

1000 feet using shielded, twisted pair cable
6000 feet using Optical Data Systems ODS214 / 215 fiber optics modem and duplex fiber cables

Options

PM Memory (256K)
PM Expansion

Power Requirements

U.S.: 115 VAC (+ / - 12 VAC)
International: 230 VAC (+ / - 12 VAC)

Power Consumption

2 amp maximum at 115 VAC
1 amp maximum at 230 VAC

Start Current

1.8 amp at 115 VAC (U.S.)
1.0 amp at 230 VAC (International)

Dimensions

Height: 7.25 inches (18.2 cm)
Width: 17.5 inches (43.8 cm)
Depth: 16.875 inches (42.0 cm)
Weight: 35 lbs. (net)
45 lbs. (shipping)

Composition

Injection-molded plastic

Environment

Operating temperature:
50 to 85 degrees Fahrenheit
10 to 30 degrees Celsius
Nonoperating temperature
32 to 120 degrees Fahrenheit
0 to 50 degrees Celsius
Maximum humidity: 95% relative, non-condensing

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