

Tandon



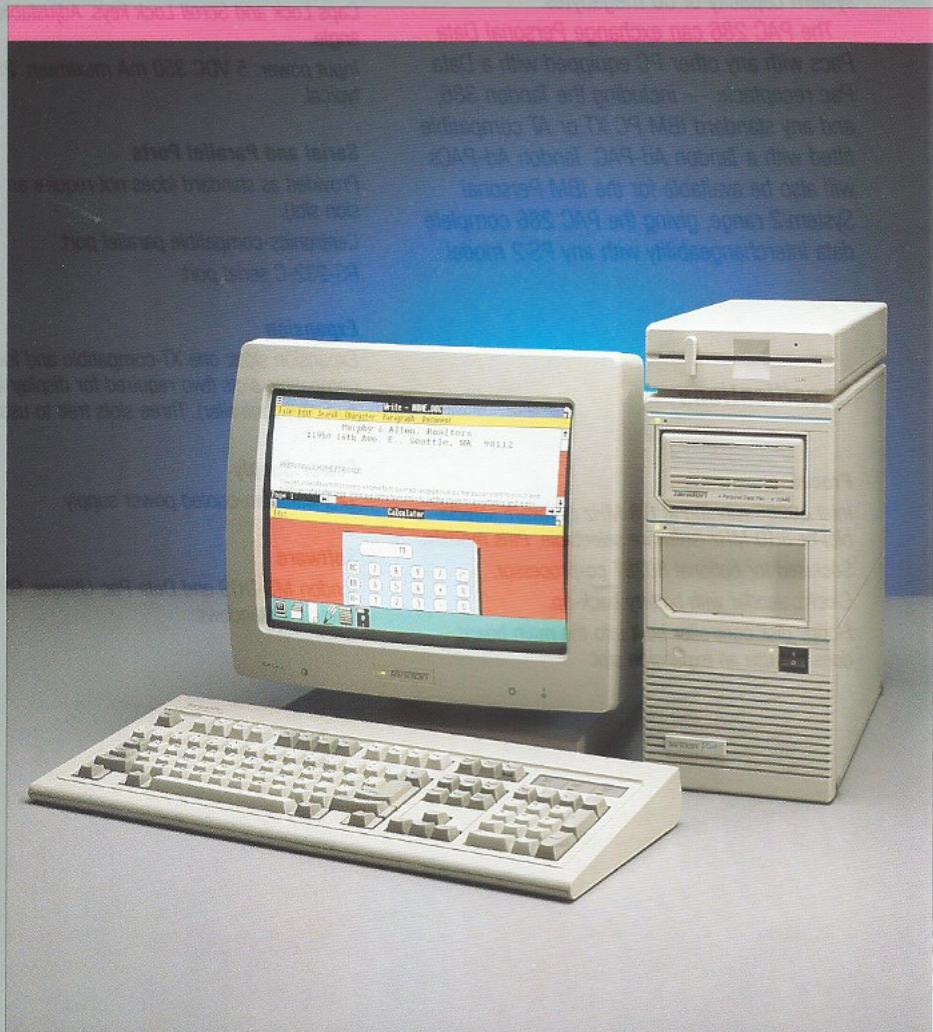
Tandon PAC 286

*The definitive
Personal Data Pac
computer*

The Tandon PAC 286 combines powerful AT-compatible performance with the revolutionary hard disk storage of Tandon's Personal Data Pac. Internationally acclaimed, the PAC 286 has been named "Computer of the Year" in three countries.

The PAC 286 can hold two Personal Data Pacs yielding 60 megabytes of disk storage capacity. With additional Data Pacs, the PAC 286 has virtually unlimited storage. Because each Data Pac is fully removable, you can carry your personal computing environment with you. And, of course, sensitive data can be locked away when not in use.

The Personal Data Pac is just one aspect of the innovative high performance of the PAC 286, a state-of-the-art AT compatible in its own right. With the advanced features of Tandon's RLL disk controller technology and memory management system that complies with the LIM 4.0 standard, the PAC 286 is incomparable.



Tandon PAC 286

The PAC 286 is built around the Intel 80286 processor, with a clock speed of 10 MHz available on the PAC 286 Plus model. One megabyte of memory is included as standard, expandable to five megabytes on the main board. And Tandon's LIM 4.0-compatible Memory Management System opens up the full power of expanded memory to MS-DOS applications — unlike conventional systems, which restrict you to just 640 kilobytes of usable memory.

System performance is further enhanced with Tandon's disk controller technology, using sophisticated disk caching to achieve effective access times of less than 40 ms.

The PAC 286 will hold one or two 30 MB Personal Data Pacs, giving you an immediate system capacity of 60 megabytes.

The PAC 286 can exchange Personal Data Pacs with any other PC equipped with a Data Pac receptacle — including the Tandon 386, and any standard IBM PC XT or AT compatible fitted with a Tandon Ad-PAC. Tandon Ad-PACs will also be available for the IBM Personal System/2 range, giving the PAC 286 complete data interchangeability with any PS/2 model.

Specifications

Processor

Intel 80286 running at 6/8 MHz (software selectable) or 8/10 MHz (software selectable, Plus models). Socketed for optional 80287 co-processor. Clock/calendar with battery back-up. Floppy disk controller built into the main board; does not use an expansion slot.

Memory

One megabyte as standard on the main board. Expandable to five megabytes with a memory expansion daughter board; does not use an expansion slot.

Mass Storage

Two Data Pac receptacles accept Tandon Personal Data Pacs.
1.2 MB floppy disk drive.

Fixed Disk Controller

Custom Fixed Disk Controller using RLL technology, standard with the PAC 286, requires one expansion slot.

Keyboard

101-key, "universal" enhanced layout, low profile with 12 function keys, LED indicators for Num Lock, Caps Lock and Scroll Lock keys. Adjustable tilt angle.
Input power: 5 VDC 350 mA maximum, 250 mA typical.

Serial and Parallel Ports

Provided as standard (does not require an expansion slot).
Centronics-compatible parallel port.
RS-232-C serial port.

Expansion

Expansion slots: one XT-compatible and four AT-compatible slots (two required for display adapter and disk controller). Three slots free to user.

Power Supply

125 watts fan-cooled power supply.

Software

Tandon MS-DOS and Data Pac Utilities, GW-BASIC, Microsoft Windows.

Sound

Built-in speaker. Programmable IBM-compatible sound.

Dimensions

System Unit in vertical orientation: 12.6"/320 mm (high) × 15.7"/399 mm (deep) × 6.3"/160 mm (wide).
Keyboard: 19.25"/489 mm (wide) × 8.3"/211 mm (deep) × 1.4"/35 mm (high).

Features

Front-mounted power and reset switches. Set-up screen. Swivel logo plate for horizontal or vertical orientation. Mounted feet for both horizontal or vertical orientation.

Option Specifications

Mass Storage

30 MB Personal Data Pacs.
40 MB Personal Data Pacs.
1.44 MB 3 1/2" Floppy disk drive

Expansion Memory

One and 4 MB daughter board memory expansion; does not require use of an expansion slot.

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