

COMPAQ DESKPRO 386s



COMPAQ

It simply works better.

Now there's 80386 power and performance considering 80286 personal computers

Compaq introduces the COMPAQ DESKPRO 386s. Never before has so much power and performance been made available for widespread business use. Because the COMPAQ DESKPRO 386s is the first personal computer to use the innovative 16-MHz Intel® 386SX* processor, which makes 80386 technology an affordable alternative to 80286 personal computers.

The COMPAQ DESKPRO 386s offers exceptional 80386 performance, with the ability to run today's popular MS-DOS® and Microsoft® Windows/386 applications, and tomorrow's advanced business applications under Microsoft Operating System/2 from Compaq. Plus the COMPAQ DESKPRO 386s delivers high-resolution graphics, compatibility and excellent connectivity with industry-standard products. And Compaq combines all of these exciting 80386 features into a sleek new design that fits where its competitors can't.

Best of all, the COMPAQ DESKPRO 386s is an entry-level addition to the highest-performing line of personal computers made—the COMPAQ 80386 family.

The COMPAQ DESKPRO 386s is the first personal computer to tailor the power and performance of 80386 technology for users currently considering an 80286 personal computer.



Bringing high performance within reach

The COMPAQ DESKPRO 386s is the first personal computer to use the breakthrough 16-MHz 80386SX microprocessor. This new processor, when surrounded with high-performance COMPAQ components, runs your current software up to 60% faster than 10-MHz 80286 personal computers like the IBM® PS/2™ Models 50 and 60. The

COMPAQ DESKPRO 386s will run the new 32-bit software being written specifically for 80386 technology that 80286 personal computers can't. Thus, it's the best way to increase your productivity today, and take advantage of the applications of tomorrow. Other features include:

- Concurrent bus design (one bus for memory and one bus for peripherals) lets each component operate at its optimum speed without sacrificing compatibility
- Higher-performance fixed disk drives perform up to 60% faster than fixed disk drives offered in 10-MHz 80286-based computers
- Standard VGA graphics offer innovative performance features that speed up text scrolling and graphics up to 50% over other VGA offerings.
- Optional Intel 16-MHz 387SX* coprocessor reduces waiting time in number-intensive applications



Discover hidden flexibility

Built-in expansion capabilities make the COMPAQ DESKPRO 386s especially appealing as you plan for the future.

VGA graphics, one megabyte of high-speed memory, interfaces for a mouse, high-speed serial and parallel ports are all built right into the system. This saves your expansion slots for other things like modems and network boards. And memory expansion is more efficient than with most 80386 computers, thanks to a special high-speed memory expansion slot which allows you to reach up to 13 megabytes without using additional slots. This gives you an easy upgrade path when you're ready to exploit the potential of tomorrow's sophisticated business applications and operating systems.

There are other ways you can tailor the COMPAQ DESKPRO 386s to meet your needs:

- There's room for *four* internal storage devices for maximum configuration flexibility
- 20-, 40- or 110-Megabyte High-Performance Fixed Disk Drive options for ample storage capacity

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- 40- or 135-Megabyte Fixed Disk Drive Backup (Tape) options are available for protecting your data
- One or two diskette drives can be used: 5¹/₄-inch 1.2-Megabyte (standard) and 5¹/₄-inch 360-Kbyte or 3¹/₂-inch 1.44-Megabyte options
- COMPAQ Expanded Memory Manager supports the Lotus®/Intel/Microsoft (LIM) Expanded Memory Specification to access more than 640 Kbytes of memory



It fits in anywhere

The COMPAQ DESKPRO 386s is a sleek, ergonomically designed machine. Its smaller footprint allows it to conveniently fit in narrow places other computers can't. And its contemporary appearance makes it an attractive addition to any business environment. More importantly, its design makes it *easier to use*. Here's how:

- Power switch is front-mounted for faster and easier access
- Expansion is simpler with an easy-to-remove system unit cover and front-mounted storage devices
- Enhanced keyboard layout doesn't require relearning
- Password security software comes standard to prevent unauthorized use of the system



Another first from Compaq

Now there's an excellent opportunity for you to obtain 80386 technology. Because with the COMPAQ DESKPRO 386s you get the popular 80386-level features you really *need* with the quality and performance only *Compaq* can offer. The COMPAQ DESKPRO 386s, the first affordable, high-performance alternative to 80286 personal computers.

You also get the service of over 3000 Authorized COMPAQ Computer Dealers worldwide. They're specially trained to give you the ultimate in support and technical expertise. With all the resources to keep your COMPAQ DESKPRO 386s running at top speed.

Technical Specifications

Processor: 32-bit 80386SX; 16-MHz clock speed; 16-MHz 80387SX coprocessor socket; real-time clock/calendar with battery backup.

Compatibility: Runs the most popular software and hardware products designed for industry-standard personal computers; 8-/16-bit expansion bus compatible with industry-standard expansion boards.

Expansion Slots: 4 industry-standard slots and 1 high-speed memory expansion slot available in all models.

Memory: One megabyte of system memory standard, expandable to 13 megabytes using the high-speed memory expansion slot.

Storage Devices: 5¹/₄-inch 1.2-Megabyte Diskette Drive (one standard, second optional); 5¹/₄-inch 360-Kbyte Diskette Drive (optional); 3¹/₂-inch 1.44-Megabyte Diskette Drive (optional); 20- or 40-Megabyte Half-Height Fixed Disk Drive (average access time less than 29 ms); 110-Megabyte Half-Height Fixed Disk Drive (average access time less than 25 ms); 135-Megabyte Fixed Disk Drive Backup (Tape); 40-Megabyte Fixed Disk Drive Backup (Tape).

Standard Interfaces: Auxiliary input (mouse), parallel, high-speed asynchronous communications (serial).

Standard Graphics: COMPAQ Video Graphics Controller also supports EGA and CGA standard graphics.

Keyboard: COMPAQ Enhanced Keyboard.

Display Options: 14-inch diagonal COMPAQ Video Graphics Color Monitor; 12-inch diagonal COMPAQ Video Graphics Monochrome Monitor.

Memory Options: 1- and 4-Megabyte 16-MHz Memory Expansion Boards; 1- and 4-Megabyte Memory Modules.

Security: Password security software is standard to prevent unauthorized system use. Keylock on system unit cover protects internal components.

Other Options: 16-MHz 80387SX Numeric Coprocessor; Asynchronous Communications/Parallel Printer Board; MS-DOS®/BASIC Version 3 (diskettes and reference guides); Microsoft Operating System/2 Standard Version 1.0 from Compaq (diskettes and reference guides). COMPAQ DESKPRO 386s Technical Reference Guide; 135-megabyte tape cartridge; 40-megabyte tape cartridge.

Physical Specifications: System unit—15.8" W × 5.9" H × 14.8" D (40.1cm W × 14.9cm H × 37.5cm D); enhanced keyboard—18.5" W × 1.7" H × 7.0" D (47.0cm W × 4.3cm H × 17.8cm D).

Standard Configurations

Model 1: One megabyte of system memory; one 5¹/₄-inch 1.2-Megabyte Diskette Drive; four 8-/16-bit expansion slots and one high-speed memory expansion slot available.

Model 20: Same as Model 1 except for the addition of one 20-Megabyte Fixed Disk Drive.

Model 40: Same as Model 1 except for the addition of one 40-Megabyte Fixed Disk Drive.

*Hereafter referred to as 80386SX and 80387SX respectively.

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Optional Video Graphics Color Monitor displays up to 256 colors simultaneously from a palette of more than 256,000

VGA graphics are standard so there's no need to purchase graphics expansion boards

Concurrent bus design features a high-speed bus for faster memory access and an industry standard 8-/16-bit bus for optimum performance and complete software and hardware compatibility

Storage devices are installed on the front of the unit for easier access when servicing or expanding

System with enhanced keyboard measures only 22 inches deep (56cm) so that it fits comfortably on narrow working surfaces

With room for four internal storage devices, choose from 20-, 40-, or 110-Megabyte High-Performance Fixed Disk Drives and 40- or 135-megabyte tape backup options

Power switch is on the front for easier access

The system is the first to use Intel's new 16-MHz 80386SX microprocessor and runs your software up to 60% faster than 10-MHz 80286 personal computers

5¹/₄-inch 1.2-Megabyte Diskette Drive is standard, protecting your software investment; optional 3¹/₂-inch 1.44-Megabyte Diskette Drive and 5¹/₄-inch 360-Kbyte Diskette Drive offer media flexibility

One megabyte of high-speed memory comes standard and is expandable to 13 megabytes using a special high-speed Memory Expansion Slot, leaving your other slots free

