

COMPAQ DESKPRO 386/33



COMPAQ

It simply works better.

The world's most powerful personal computer

Once again Compaq introduces the world to a new superpower: the COMPAQ DESKPRO 386/33 Personal Computer.

Never before has so much performance, expansion and storage been built into one personal computer. One that fits on your desk.

Inside its new system unit design, you'll find advancements that give you a minicomputer level of power with the expandability and flexibility to tailor the COMPAQ DESKPRO 386/33 to your growing needs. So you can do more. And do it faster.

As a stand-alone PC, it lets you tackle the most demanding personal productivity, technical and CAD/CAE applications. And for a network or multiuser system, its power can be put to work for people throughout your company.



It flies

Everything in the COMPAQ DESKPRO 386/33 is designed for speed.

First, we loaded it with a blazing 33-MHz Intel 386™ microprocessor. Then we added a 33-MHz cache memory controller with 64 Kbytes of high-speed static RAM that delivers zero wait states virtually all the time. This high-performance combination delivers a 35% performance improvement in CPU-intensive applications over 25-MHz 386 cache-based personal computers.

Next, we designed it around the exclusive COMPAQ Flexible Advanced Systems Architecture. Flex Architecture optimizes overall system performance by employing separate memory and peripheral buses along with an advanced memory-caching scheme and high-performance subsystems. We went further, adding interleaved memory architecture for faster memory access.

And, optional 33-MHz Intel 387™ and Weitek 3167 coprocessors let you speed through numeric calculations that are crucial to CAD/CAE and other complex applications.



It's limitless

The COMPAQ DESKPRO 386/33 gives you vast memory, expansion and storage capacity.

In memory, 2 megabytes of high-speed RAM is standard and is expandable to 16 megabytes without using an industry-standard expansion slot. So you can take full advantage of Microsoft® Windows/386, MS®

OS/2 or UNIX®. All models also come with the COMPAQ Expanded Memory Manager that provides Lotus/Intel®/Microsoft (LIM) 4.0 support for memory access over 640 Kbytes in MS-DOS® applications.

In expansion, a total of eight expansion slots give you the flexibility to customize the system to your needs. The system contains one full-size 8-bit expansion slot and six full-size 8-/16-bit expansion slots, along with a separate high-speed 32-bit memory expansion slot.

In storage, the COMPAQ DESKPRO 386/33 can grow with your needs. You can use up to five internal storage devices, such as high-speed 650-, 320-, 110- and 84-Megabyte Fixed Disk Drives. You can configure the system with 1.3 *gigabytes* of *internal* storage, enough to handle massive amounts of mainframe data. And if you need more, the COMPAQ Fixed Disk Expansion Unit lets you store another 1.3 gigabytes, for a total of 2.6 gigabytes—ideal for network and multiuser environments.

For media flexibility, you can have both 5¼- and 3½-inch diskette drives. And for data protection, you can choose tape drives with the capacity to provide backup for any application.



Adapts to its environment

The COMPAQ DESKPRO 386/33 is simply the most advanced personal computing solution for any demanding environment.

It's the perfect power tool for CAD/CAE, delivering the power of a workstation *plus* the flexibility of a PC. So you can run CAD and business productivity software on one system. A system that also accommodates the specialized peripherals CAD/CAE demands.

For database management or financial modeling, you can bring down huge mainframe files and work with them at your desk. Instead of waiting for mainframe time.

The massive storage capacity of the COMPAQ DESKPRO 386/33 also makes it ideal for networks and multiuser systems. Disk mirroring meets the highest standards for LAN system fault tolerance. And disk duplexing adds an extra measure of both performance and fault tolerance.

You can also work in your choice of operating systems: MS-DOS®, MS OS/2 or UNIX®.



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A better way of looking at things

The COMPAQ DESKPRO 386/33 features a 16-bit Integrated Video Graphics Controller that supports VGA, EGA and CGA resolutions. It delivers greater graphics capability plus performance that's up to 50% faster than other VGA systems. You can also add the Advanced Graphics System for higher-resolution CAD and business graphics.



Building on a tradition

The COMPAQ DESKPRO 386/33 is the latest in a long line of performance achievements from Compaq. A line that's recognized worldwide for performance, quality and reliability.

Standing behind every high-performance COMPAQ product is a network of high-performance dealers. Your Authorized COMPAQ Computer Dealer has the resources to give you powerful productivity solutions.

You should expect nothing less from the leader in personal computer technology.



Specifications

Processor: 32-bit 33-MHz Intel 386 microprocessor; 33-MHz 82385 Cache Memory Controller with 64 Kbytes of high-speed static RAM; separate sockets for 33-MHz Intel 387 and Weitek 3167 coprocessors.

Compatibility: Runs the most popular software and hardware products designed for industry-standard personal computers.

Expansion Slots: Total of 8 expansion slots: one high-speed 32-bit memory slot, six full-size 8-/16-bit slots, one full-size 8-bit slot compatible with industry-standard expansion boards.

Memory: 2 megabytes of high-speed RAM standard, expandable to 16 megabytes in 32-bit memory slot with 2-Megabyte 32-bit Memory Modules.

Storage Devices: 5 1/4-inch 1.2-Megabyte Diskette Drive (one standard, second optional); 5 1/4-inch 360-Kbyte Diskette Drive (optional); 3 1/2-inch 1.44-Megabyte Diskette Drive (optional); 650-Megabyte (standard and optional) Fixed Disk Drive (average access time less than 18 ms); 320-Megabyte (standard and optional) Fixed Disk Drive (average access time less than 18 ms); 84-Megabyte (standard and optional) Fixed Disk Drive (average access time less than 25 ms). Other options include 110-Megabyte Fixed Disk Drive (average access time less than 25 ms); Fixed Disk Expansion Unit (Model 650 and Model 300); 150-/250-Megabyte Tape Drive and 40-Megabyte Tape Drive.

Standard Interfaces: Integrated Video Graphics Controller, Pointing Device (mouse) Interface, Parallel Printer Interface and High-Speed Asynchronous (serial) Communications Interface.

Keyboard: COMPAQ Enhanced Keyboard.

Display Options: 16-inch (40.6cm) Advanced Graphics Color Monitor; 14-inch (35.5cm) COMPAQ Video Graphics Color Monitor; 12-inch (30.5cm) COMPAQ Video Graphics Monochrome Monitor.

Display Controller Option: Advanced Graphics 1024 Board.

Memory Option: 2-Megabyte 32-bit Memory Module (80 ns).

Security: External keylock, power-on password, keyboard password and network server mode prevent unauthorized access.

Other Options: 33-MHz 387 coprocessor; 33-MHz Weitek 3167 coprocessor; 15-MHz ESDI controller; 150-Megabyte, 250-Megabyte, 40-Megabyte tape cartridges; COMPAQ 2400-Baud Internal Modem (U.S. and Canada); Asynchronous Communications/Parallel Printer Board; MS-DOS Version 4, MS-DOS Version 3 and MS OS/2 Standard Version 1.1 as published by Compaq; COMPAQ DESKPRO 386/33 Technical Reference Guide.

Warranty: Full one-year limited warranty.

Physical Specifications: System unit—19.2" W x 6.5" H x 17.7" D (48.8cm W x 16.6cm H x 45.0cm D); Keyboard—18.5" W x 1.7" H x 7.0" D (47.0cm W x 4.3cm H x 17.8cm D).

Standard Configurations

Model 650: Two megabytes of system memory; cache memory controller with 64 Kbytes of high-speed RAM; one 1.2-Megabyte 5 1/4-inch Diskette Drive; one Full-Height 650-Megabyte Fixed Disk Drive; one 8-bit and five 8-/16-bit expansion slots available.

Model 320: Same as Model 650 except for one Half-Height 320-Megabyte Fixed Disk Drive.

Model 84: Same as Model 650 except for one Half-Height 84-Megabyte Fixed Disk Drive.



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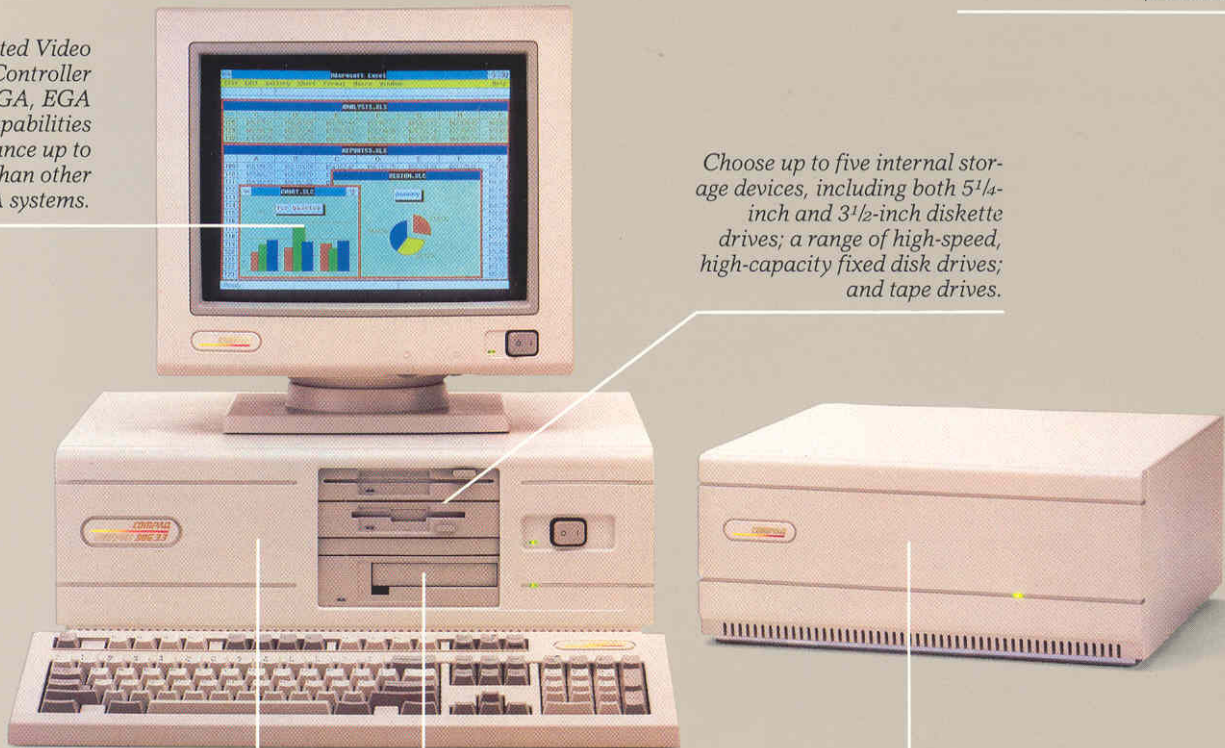
Total of eight expansion slots, including one high-speed 32-bit memory slot, six full-size 8-/16-bit slots, and one full-size 8-bit slot, allow you to tailor your system to your needs.

Optional 33-MHz 387 and 33-MHz Weitek coprocessors add greater speed for faster processing of numeric applications.

COMPAQ Flexible Advanced Systems Architecture combines separate memory and peripheral buses with an advanced memory caching scheme and high-performance subsystems for optimal overall system performance.

An Integrated Video Graphics Controller supports VGA, EGA and CGA capabilities with performance up to 50% faster than other VGA systems.

Choose up to five internal storage devices, including both 5¹/₄-inch and 3¹/₂-inch diskette drives; a range of high-speed, high-capacity fixed disk drives; and tape drives.



The 32-bit 33-MHz 386 microprocessor is combined with 64 Kbytes of cache memory to deliver a 35% performance improvement in CPU-intensive applications over 25-MHz 386 cache-based personal computers.

An optional high-capacity internal tape drive ensures secure storage of important information.

Add the optional COMPAQ Fixed Disk Expansion Unit for a total of 2.6 gigabytes, providing network data protection and unmatched storage capacity with a personal computer.