

Profile Sheet: The COMPAQ DESKPRO 386/33

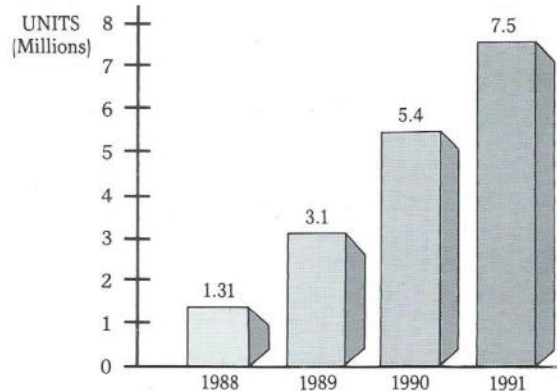
The 386-based desktop personal computer market is forecast to more than quadruple between 1988 and 1990, and is expected to dominate the desktop market by 1991.

Compaq, the company that pioneered the 386-based PC, continues to hold the largest share of the market. COMPAQ PC's represent the largest installed base of 386 machines in the market.

Now Compaq is enabling you to take advantage of this booming market by introducing the COMPAQ DESKPRO 386/33 Personal Computer. The most powerful, expandable desktop PC in the world.

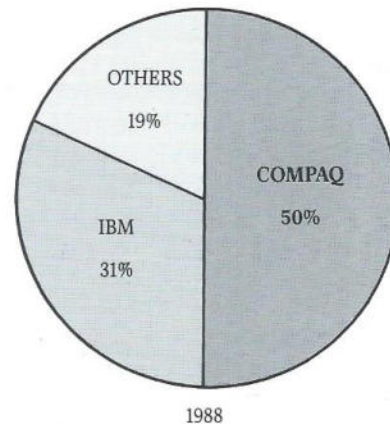
The demand for higher-performance PC's is driven by two factors. First, the increased use of complex, calculation-intensive applications such as CAD/CAE, financial analysis, software programming and database management. And second, the growth of LANs and multiuser systems.

WORLDWIDE 80386 PC SHIPMENTS



Source: IDC (excludes non-U.S. shipments of non-U.S. manufacturers)

U.S. DEALER UNITS—80386 PRODUCTS



Source: StoreBoard Inc.



Market Profile

COMPAQ

The COMPAQ DESKPRO 386/33 Personal Computer is quite simply the most powerful and expandable desktop personal computer available. Its range of capabilities will be put to use as both a stand-alone PC for complex applications and as a file server for a network or multiuser system.

Inside, the COMPAQ DESKPRO 386/33 combines a 33-MHz Intel 386™ microprocessor with a range of performance-enhancing features and subsystems. This includes interleaved memory architecture for faster data access and high-performance fixed disk drives that can store up to 1.3 gigabytes of data. All this comes in a new system unit design that easily fits on a desk.

The 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.

The COMPAQ DESKPRO 386/33 also features COMPAQ Flexible Advanced Systems Architecture. Flex Architecture combines separate memory and peripheral buses with an advanced memory caching scheme and high-performance subsystems for optimal overall system performance.

A total of eight expansion slots give users the flexibility to customize the system to their 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. Using the high-speed memory slot, users can expand the 2 megabytes of RAM up to 16 megabytes.

The COMPAQ DESKPRO 386/33 also offers fixed disk, tape and diskette drive options that let you configure the system with up to five

mass storage devices. Internal fixed disk capacity is expandable up to 1.3 gigabytes. Total system storage can be brought up to 2.6 gigabytes using the COMPAQ Fixed Disk Expansion Unit. This makes it ideal for multiuser environments or for improving the data integrity of a network server.

For users with calculation-intensive applications, optional 33-MHz Intel 387™ and Weitek 3167 coprocessors speed numeric processing.






System setup is easier thanks to new system board design features. And the COMPAQ ISA Configuration Utility (available only to our Authorized Dealers) simplifies adding devices like LAN boards, modems, high-resolution graphics and terminal emulation boards.

An Integrated Video Graphics Controller supports VGA graphics resolutions and delivers performance that's up to 50% faster than other VGA systems.

The COMPAQ DESKPRO 386/33 is the newest in a long line of high-performance products from Compaq. Compaq not only pioneered personal computers based on 386 technology, but has been consistently first to advance the 386 standard. The engineers at Compaq have consistently tapped the latest technology to deliver 386-based products that give users higher levels of power, speed and expandability.

The COMPAQ DESKPRO 386/33 is designed to take 386 computing to its highest level yet, establishing itself as the clear leader in its category. With 33-MHz power, improved expansion capabilities, a new system unit design and advanced Compaq engineering, no other personal computer is more powerful. Its expansion features ensure system configuration flexibility for today as well as in the future.

Product Profile

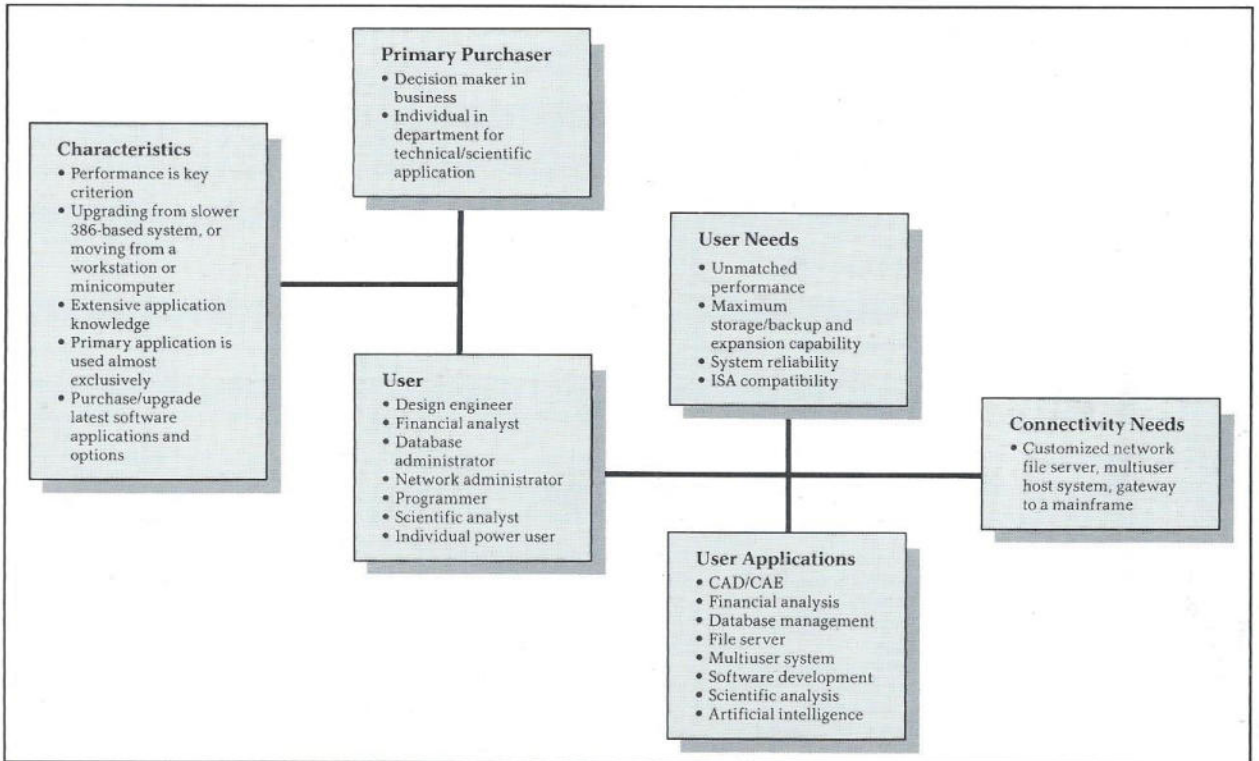
Key Features & Options	LAPTOP	PORTABLES			
					
	COMPAQ SLT/286	COMPAQ PORTABLE II	COMPAQ PORTABLE III	COMPAQ PORTABLE 386	COMPAQ DESKPRO
The User	For users who require a highly portable, battery-powered full-function PC	For users who need full-function desktop capabilities in a portable package	For users who need a full-function high-performance 286-based portable computer	For demanding users who need unparalleled computing power in a portable	For users who need a business PC offering expansion flexibility
Microprocessor	16-bit C286	16-bit 286	16-bit 286	32-bit Intel 386™	16-bit 286
Clock Speed	12-MHz	8-MHz	12-MHz	20-MHz	12-MHz
Coprocessor Supported	12-MHz C287	8-MHz 287	8-MHz 287	20-MHz Intel 387™ or Weitek 3167	8-MHz 287
Expansion Slots Available	2 (Optional)	2	2 (Optional)	2 (Optional)	7
Type	8-/16-bit	8-/16-bit	8-/16-bit	8-/16-bit	8-/16-bit
Standard Memory	640 Kbytes	256 Kbytes (Model 2) 640 Kbytes (Model 4)	640 Kbytes	1 MB	640 Kbytes
Maximum Memory	3.6 MB	4.1 MB	6.6 MB	10 MB	8.1 MB
Storage Capabilities					
5¼-inch Diskette Drives	360-Kbyte optional (external) 1.2-MB optional (external)	360-Kbyte standard 1.2-MB optional	1.2-MB standard 360-Kbyte optional	1.2-MB standard 360-Kbyte optional	1.2-MB standard, optional 360-Kbyte optional
3½-inch Diskette Drive	1.44-MB standard	1.44-MB optional	1.44-MB optional	1.44-MB optional	1.44-MB optional
Fixed Disk Drives	20-MB (av. access <29ms) 40-MB (av. access <29ms)	20-MB Half-Height (av. access <85ms)	20-MB Third-Height (av. access <29ms) 40-MB Third-Height (av. access <29ms)	40-MB Third-Height (av. access <29ms) 110-MB Third-Height (av. access <25ms)	20-MB or 40-MB (av. access <29ms) 70-MB or 130-MB (av. access <30ms) Fixed Disk Expansion Unit 300-MB Full-Height (av. access <18ms) [Expansion Unit]
Fixed Disk Drive Backup (Tape)	40-MB (external)		40-MB expansion unit	40-MB expansion unit	150-/250-MB, 40-MB optional
Operating Systems MS-DOS® and MS® OS/2 are available from Compaq	MS-DOS, MS OS/2, UNIX®/XENIX® Operating System	MS-DOS, MS OS/2, UNIX/XENIX Operating System	MS-DOS, MS OS/2, UNIX/XENIX Operating System	MS-DOS, MS OS/2, UNIX/XENIX Operating System	MS-DOS, MS OS/2, UNIX/XENIX Operating System
Monitor	10" COMPAQ VGA Backlit Display (Standard) Video Graphics Color (Optional) Video Graphics Monochrome (Optional) Advanced Graphics Color (Optional)	9" Dual-Mode Monitor (Standard)	Dual-Mode Plasma Display (Standard) Video Graphics Color (Optional) Video Graphics Monochrome (Optional) Advanced Graphics Color (Optional)	Dual-Mode Plasma Display (Standard) Video Graphics Color (Optional) Video Graphics Monochrome (Optional) Advanced Graphics Color (Optional)	Dual-mode green Dual-mode amber Video Graphics Color Video Graphics Monochrome Advanced Graphics Color (All optional)
Video Controller	Video Graphics (Standard) 640 × 480 text & graphics Advanced Graphics 1024 (Optional) 1024 × 768 graphics 720 × 400 text	Dual-Mode Display (Standard) 720 × 350 text 640 × 200 graphics	Plasma Display Controller (Standard) 640 × 400 text & graphics Video Graphics (Optional) 720 × 400 text 640 × 480 graphics Advanced Graphics 1024 (Optional) 1024 × 768 graphics 720 × 400 text	Plasma Display Controller (Standard) 640 × 400 text & graphics Video Graphics (Optional) 720 × 400 text 640 × 480 graphics Advanced Graphics 1024 (Optional) 1024 × 768 graphics 720 × 400 text	Dual-Mode Display 720 × 350 text 640 × 200 graphics Video Graphics 720 × 400 text 640 × 480 graphics Advanced Graphics 1024 × 768 graphics 720 × 400 text [All optional]

The primary users of the COMPAQ DESKPRO 386/33 will be performance-sensitive individuals who need the system's power for their own productivity or for use in a multiuser or network environment. They include: design engineers, financial analysts, database administrators, programmers, scientific analysts and network administrators.

These power users have historically moved up to the most powerful systems available. That's because the improved performance has an immediate impact on their productivity. These users have considerable influence on purchase decisions, and may be DP/MIS

professionals who buy for work groups, or expert users who provide group direction.

The COMPAQ DESKPRO 386/33 is uniquely suited to the increasing needs of these users. Its performance, expansion and storage capabilities will improve productivity on complex applications. This includes: CAD/CAE, financial analysis, database management, software development and other calculation-intensive environments. These capabilities also make the COMPAQ DESKPRO 386/33 ideally suited for use as a file server, multiuser host system or in environments requiring a gateway to a mainframe.



User Profile

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