# THE COMPAQ DESKPRO/i FAMILY OF PERSONAL COMPUTERS

Features/Specifications



ake a close look at the personal computers that business users have been waiting for: the COMPAQ DESKPRO/i Family of PCs makes breakthrough features and performance affordable.

#### Making COMPAQ Features And Performance Easily Attainable

Compaq packages powerful features and performance, and makes them available—at competitive prices—to the whole spectrum of business users. This new family covers a wide range of processing speeds. For mainstream applications, two 386-based PCs offer a choice of 25-MHz or 33-MHz processors with 16 Kbytes of four-way set-associative cache. Users with more demanding applications can choose a COMPAQ DESKPRO/i PC with a 25-MHz 486SX processor or a 33-MHz 486DX processor. Additionally, the family

will include a 66-MHz 486DX2 model when that processor becomes available in the marketplace, providing even greater power for your most challenging applications.

#### It's All In The Family

The COMPAQ DESKPRO/i Family establishes a new price performance standard for desktop PCs. Every COMPAQ DESKPRO/i PC comes complete with a full range of high-performance features, including:

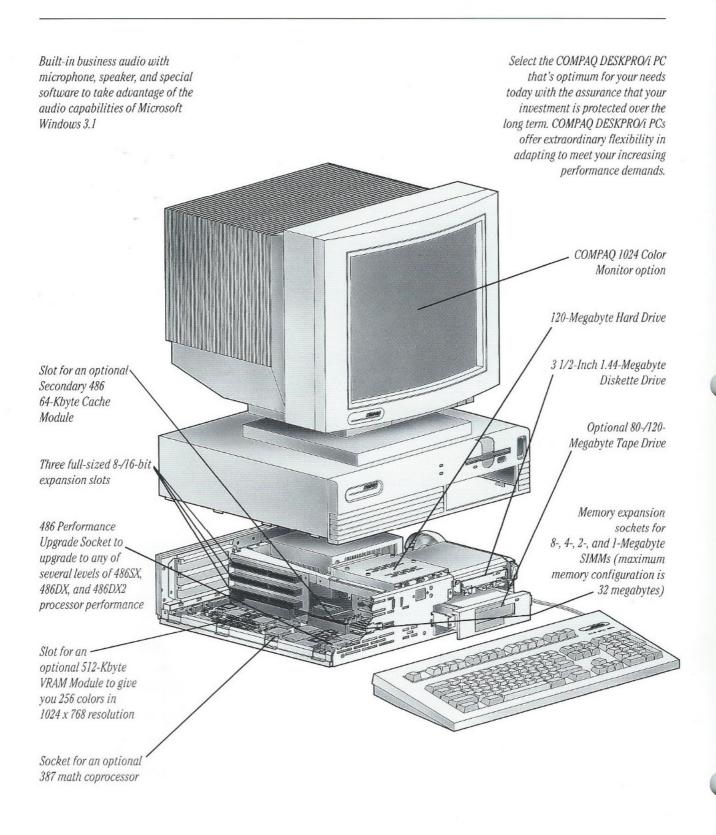
- An integrated QVision 1024 Graphics Controller that provides dramatic acceleration for CAD and windowing environments.
- Easy, affordable processor upgrades that allow you to increase performance by simply adding a processor chip or secondary cache.
- · Business audio capability.

- The right amount of storage and expandability to accommodate changing needs.
- A comprehensive set of hardware and software security features that provides the utmost protection for your valuable data.
- The uncompromising quality and exacting engineering associated with Compaq for more than a decade.

So if you've been waiting for a breakthrough to take your next step in PC computing, your wait is over. This exceptional combination of features and performance is available to you now, from Compaq—the name that gave the world a whole new way to spell quality.



# MORE OF THE FEATURES YOU NEED



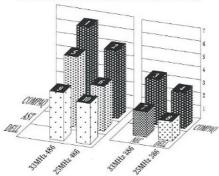
# BREAKTHROUGH PERFORMANCE NOW... AND IN THE FUTURE

#### Choose Your Performance

Standard COMPAQ DESKPRO/i PCs cover a broad range of 386 and 486 processor options. The COMPAQ DESKPRO 3/33i and COMPAQ DESKPRO 3/25i feature popular 386 microprocessors, operating at 33 MHz and 25 MHz, respectively. We further enhance performance of 386-based PCs by adding 16 Kbytes of four-way set-associative cache memory to service nearly all processor-to-memory requests in zero wait states.

The COMPAQ DESKPRO 4/25is comes standard with a 25-MHz 486SX microprocessor, while the COMPAO DESKPRO 4/33i comes standard with a 33-MHz 486DX microprocessor. Both products feature an integrated 32-bit processor and cache memory controller with 8 Kbytes of cache. With wider data paths and an advanced circuit design that allows concurrent processing of internal instructions, these 486 processors execute instructions much faster than a 386. For faster calculations in specialized, numeric-intensive applications, the 486DX processor also incorporates a built-in math coprocessor.

Microsoft Excel/Powerpoint Performance Test



This Compaq-developed test combines results from two popular applications. The Excel Scroll Test moves around a large Microsoft Excel spreadsheet. The PowerPoint Test zooms and pans presentation files of varying sizes.

Tested models: COMPAQ: (1) COMPAQ DESKPRO 4/33i; (2) COMPAQ DESKPRO 4/25is; (3) COMPAQ DESKPRO 3/35; (4) COMPAQ DESKPRO 3/25i; AST: (6) AST Premium 486sx/20; (5) AST Premium 433E; NEC: (7) NEC POWERMATE 386/33i; DELL: (8) DELL 325P; (9) DELL 433P; (10) DELL 486P/25. AST at 640 x 480, all others 1024 x 768 resolution.

As you can see in the charts, an optimized design gives COMPAQ DESKPRO/i PCs a competitive edge over comparable products. However, superior performance is only part of the story. The real power behind these new PCs is an innovative design that allows you to upgrade performance at the chip level.

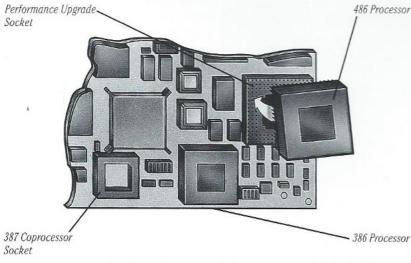
#### Upgrade with Ease

With COMPAQ DESKPRO/i PCs, upgrading the processor is remarkably simplejust add or replace chips. For example, to upgrade the COMPAO DESKPRO 3/33i or COMPAQ DESKPRO 3/25i to any of several levels of 486 performance, simply remove the hood and place the new chip in the 486 Performance Upgrade Socket. Set switches to specify the type and speed of the new processor. Replace the hood and you're back in business at a higher level of performance. To upgrade 486-based PCs, replace the existing chip with the upgrade chip, and set the appropriate switches. You can boost 486 performance even further by adding a secondary cache module with 64 Kbytes of two-way set-associative cache memory to any COMPAQ DESKPRO/i PC with a 486 processor.

Furthermore, this innovative design even provides the capability to support emerging technology, so you stay on the cutting edge of performance. For example, COMPAQ DESKPRO/i PCs support upgrades to Intel 486DX2 and OverDrive Processors, which use Intel's speed-doubling technology to process commands internally at twice the speed of the memory bus.

#### Cost Effective Memory Upgrades

Each COMPAQ DESKPRO/i comes standard with 4 megabytes of high-speed memory, expandable to 32 megabytes using industry-standard single inline memory modules (SIMMs). In keeping with the COMPAQ DESKPRO/i philosophy, memory expansion is quick and easy—simply add any combination of 8-, 4-, 2-, and 1-Megabyte SIMMs to the memory expansion sockets on the system board.



To upgrade 386-based products to 486 performance, add the new processor chip to the 486 Performance Upgrade Socket. Boost performance further by adding a 64-Kbyte 486 Secondary Cache Module.

### PRACTICAL NEW RESOURCES

#### See The Difference In Graphic Detail

With the introduction of the COMPAQ DESKPRO/i Family, Compaq makes highperformance, high-resolution graphics a practical reality for business users. COMPAQ DESKPRO/i PCs come standard with an integrated QVision 1024 Graphics Controller to provide unparalleled performance in graphics-intensive applications and windowing environments. With the QVision 1024 Controller, you'll realize an immediate performance improvement in your day-to-day work. This new controller delivers high resolution and blazing speed (up to 10 times faster than competitors) for graphics operations such as rendering of graphics and screen fonts, scrolling, jumping from page-to-page, redrawing, and moving windows.

#### The Picture Of Productivity

COMPAQ DESKPRO/i PCs incorporate this new graphics system to help you work faster and more efficiently. The QVision 1024 Controller produces resolutions up to 1024 x 768, so you can display CAD



The COMPAQ 1024 Color Monitor displays sharp, clear images in up to 1024 x 768 resolution.

drawings in incredible detail or view entire documents and spreadsheets at once. The standard 512 Kbytes of VRAM supports display of 256 simultaneous colors at 640 x 480 resolution, or 16 colors at 1024 x 768. By upgrading video memory with an additional 512-Kbyte VRAM module, you can achieve:

- 256 colors at 1024 x 768 resolution
- More than 65,000 colors at 800 x 600 and 640 x 480 resolution
- 16.7 million colors in 600 x 400 and 512 x 480 (true-color mode) resolution

A built-in 8-bit DAC (digital-to-analog converter) provides outstanding color depth with a palette of an incredible 16.7 million colors for all these resolutions.

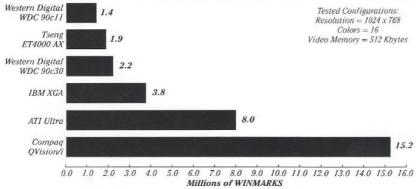
#### The Speed You Need

The OVision 1024 Controller features an intelligent design that speeds response by assuming tasks normally performed by the CPU. For example, the combination , of a graphics accelerator, or BitBLT engine, and optimized software driver provides lightning-quick response for typical windowing operations such as scrolling, changing window size, and using pop-up and pull-down menus. Drawing borders, menu bars, and other graphical objects is also fast thanks to a line-draw accelerator. In addition, the 8-bit DAC provides a hardware cursor that stays rock solid and responds instantly when you move it around the screen. The graphics subsystem is compatible with COMPAQ Advanced VGA, VGA, EGA and CGA modes, to protect your existing software investment while increasing performance. For optimum performance in specific application environments, COMPAO DESKPRO/i PCs come standard with drivers for Microsoft Windows and OS/2 Presentation Manager.

#### Look At Your Choice Of Monitors

The new 14-inch COMPAQ 1024 Color Monitor provides an ideal match for your COMPAQ DESKPRO/i PC. This new multiscanning monitor accepts noninterlaced input and refreshes at a rate of up to 72 MHz at 1024 x 768 resolution to virtually eliminate flicker. For maximum convenience, we put microprocessor controls at your fingertips. Push a button to change the height and width of your viewing area. Your COMPAQ 1024 Color Monitor remembers your choices and automatically adjusts to your viewing preference.

#### PC Labs Windows Benchmark Version 2.50 Graphics WINMARKS



Results, expressed in WINMARKS, reflect a weighted average of what PC Labs considers to be the 12 most frequently used windowing operations. Competitors often use these controllers to drive their graphic subsystems. The Diamond SpeedSTAR can be found in Gateway 2000 PCs; the WDC 90c30, in Dell PCs; and the ATI Ultra, in select AST PC Models.

## FOR YOUR BUSINESS

In addition, a tilt-and-swivel base allows you to easily adjust the monitor for the best viewing angle. Of course, you can also choose from a wide range of other color and monochrome monitor options from Compaq.

#### Standard On Every COMPAQ DESKPRO/i PC

The audio circuitry, microphone, and built-in speaker that comprise this new audio subsystem is a standard feature on all COMPAQ DESKPRO/i PCs. COMPAQ or external speakers are required. However, if you prefer, you can connect these or other audio devices through the four built-in jacks.

Plug in your standard COMPAQ microphone to record messages, or use Line-in to connect input devices such as a CD or tape player. You can connect Line-out to a standard recording device, or to external-powered speakers.

#### Audio Software Included

You can use business audio in OLE (Object Linking and Embedding)-compliant Microsoft Windows 3.1 applications. To get you started, we include an audio driver for Microsoft Windows 3.1, and two Microsoft applications that allow you to control the volume of sound playback, select which input source to record from, and control the recording level of your source.

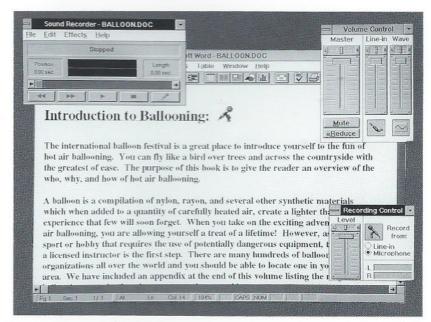


Four jacks—two input and two output—give you the flexibility to attach external-powered speakers, headphones, CD players, recorders, or other audio devices.

#### You'll Like The Sound Of This

Compag is among the first manufacturers to enhance business computing by integrating voice and other sounds into your daily work. Now, you can use business audio to extend the capabilities of your PC, thanks to a unique combination of hardware and software jointly developed by Compag and Microsoft Corporation. This technology adds a whole new dimension to office communications. Instead of typing a memo, simply pick up the microphone and record a message. You can then place the audio icon exactly where you want it in a document or spreadsheet, so the recipient gets your personal message. Imagine the scores of uses for this practical new tool. For example, you could add a voice message to clarify numbers in a spreadsheet, underscore an important message in a report, or introduce an article.

business audio supports the recording and playback of your voice in telephone quality (8-bit 11-KHz) sound, as well as playback of other audio sources in CD-quality sound. We built in an enhanced speaker, so no headphones



"Mike, here's a preview of that chapter you wanted. I can already see book sales soaring!"

## VALUE-ADDED STANDARD FEATURES

The Compaq philosophy is to build in quality features that add to the versatility and usefulness of our products. Here's a summary of the well-thought-out standard COMPAQ DESKPRO/i PC features that increase the value of your investment.

#### Software Included

To save you time and money, hard drive models of COMPAQ DESKPRO/i PCs come standard with the following software:

- · MS DOS 5.0 in five languages
- · COMPAQ User Programs to aid in

setup and increase performance, including Compaq Expanded Memory Manager (CEMM) and the COMPAQ Disk CACHE Utility

- · EZ Help Online Library
- Audio driver for Microsoft Windows 3.1
- Volume Control and Recording Control audio applications for Microsoft Windows 3.1
- Other high-performance drivers, including graphics drivers for the QVision 1024 Controller

Windows models have all of the above software, plus Microsoft Windows 3.1 and a COMPAQ Mouse.

#### Compaq Quality And Reliability

The COMPAQ DESKPRO/i Family of products continues the COMPAQ legacy of setting industry standards for quality and reliability. It's a process that begins at the clean-sheet engineering stage and continues through development, manufacturing, and testing.

Systems engineers dedicated to testing ensure that COMPAQ products are compatible with hundreds of third-party hardware products and software applications. In addition, reliability engineers put our PCs through extremes of temperature, humidity, and use to ensure that they will continue to serve you well throughout the years to come.

#### Comprehensive Security Provisions

COMPAQ DESKPRO/i PCs include an impressive array of hardware and software security features to provide



unprecedented protection for your work. Asset management provision. Lets network managers access the PC to obtain data such as the PC serial number, amount of memory, or storage.

**Administrator password.** Provides a second-level password to secure the system configuration settings.

Power-on password. Prevents unauthorized access to system at power-on. Keyboard password. Allows you to restrict access to the system by disabling the keyboard and pointing device.

QuickLock/QuickBlank. QuickLock allows you to disable the keyboard and pointing device, then enable them with a password. With QuickBlank you can blank the screen at the same time you invoke QuickLock.

**Network server mode.** Allows you to boot directly from the hard drive or the

network to provide security when the system is operating unattended.

**Diskette boot control.** Prevents loading of operating systems from the diskette drive, while allowing other drive functions to remain active.

**Diskette drive control.** Provides diskette drive security by enabling or disabling the drive.

Hard drive control. Provides hard drive security by enabling or disabling the hard drive.

Serial interface control. Sets serial interfaces to COM1, COM2, COM3, COM4, or disable to prevent unauthorized data transfer through the serial port.

Parallel interface control. Sets the parallel interface to LPT1, LPT2, or disable to prevent unauthorized data transfer through the parallel port.

Diskette write control. Prevents unauthorized copying of information from the network or hard drive to

**SETUP control.** Locks the SETUP utility to prevent unauthorized changes to the system configuration.

a diskette.

#### Service And Support In The Compaq Tradition

Our primary objective is to lead the industry in the category of customer satisfaction. In this effort, we have again emphasized Compaq quality and reliability in the COMPAQ DESKPRO/i Family of PCs, and in the service and support program that backs all COMPAQ DESKPRO/i products. Designed and engineered for easy serviceability and low-cost ownership, COMPAQ DESKPRO/i Family PCs are backed by a One-Year Limited Warranty.

Other components of COMPAQ DESKPRO/i service and support include:

- Accessible technical information for resellers, service providers, and end users. Compaq technical personnel can tap into SMART, Support Management Automated Reasoning, for quick and thorough answers to your inquiries.
- Timely, reliable service with field replaceable parts and a network of Authorized COMPAQ Service Providers in locations worldwide.

# TECHNICAL SPECIFICATIONS

|                                          | 510-MB | 340-ME |
|------------------------------------------|--------|--------|
| Standard Configuration                   | Option | Option |
| Capacity Per Drive (MB)                  | 510.4  | 340.1  |
| Number Supported                         | One    | One    |
| Height                                   | Half   | Half   |
| Size (in)                                | 3.5    | 3.5    |
| Drive Type(s)                            | 61     | 63     |
| Controller                               | IDE    | IDE    |
| Transfer Rate (Mbits/sec)                | 16     | 16     |
| Sector Interleave                        | 1:1    | 1:1    |
| SEEK TIMES (TYPICAL, INCLUDING SETTLING) |        |        |
| Track-to-Track (ms)                      | 5      | 5      |
| Average (ms)                             | 12     | 12     |
| Maximum (ms)                             | 30     | 30     |
| Rotational Speed (RPM)                   | 3828   | 3828   |
| PHYSICAL CONFIGURATION                   | ON     |        |
| Cylinders                                | 1806   | 1806   |
| Heads                                    | 12     | 8      |
| Sectors Per Track                        | 46     | 46     |
| Bytes Per Sector                         | 512    | 512    |
| LOGICAL CONFIGURATIO                     | N      |        |
| Cylinders                                | 989    | 659    |
| Heads                                    | 30     | 16     |
| Sectors Per Track                        | 63     | 63     |
| Bytes Per Sector                         | 512    | 512    |

| 10-MB<br>(2.6)<br>ne<br>aif<br>5<br>I<br>DE | 120-MB<br>121.4<br>One<br>Half<br>3.5<br>50<br>IDE<br>12<br>1:1 |
|---------------------------------------------|-----------------------------------------------------------------|
| ne<br>aif<br>5<br>I<br>DE                   | One<br>Half<br>3.5<br>50<br>IDE<br>12                           |
| alf<br>5<br>I<br>DE<br>2                    | Half<br>3.5<br>50<br>IDE<br>12                                  |
| 5<br>I<br>DE<br>2                           | 3.5<br>50<br>IDE<br>12                                          |
| DE<br>2                                     | 50<br>IDE<br>12                                                 |
| DE<br>2                                     | IDE<br>12                                                       |
| 2                                           | 12                                                              |
|                                             | 0.77                                                            |
| 1                                           | 1:1                                                             |
|                                             |                                                                 |
|                                             |                                                                 |
|                                             | 8                                                               |
| 3                                           | 17                                                              |
| 5                                           | 35                                                              |
| 485                                         | 3833                                                            |
|                                             |                                                                 |
| 83                                          | 760                                                             |
| 6                                           | 8                                                               |
| 8                                           | 39                                                              |
|                                             | 512                                                             |
|                                             | 3                                                               |

#### Hard Drives continued

| Standard Model 84                           |      |
|---------------------------------------------|------|
| Capacity Per Drive (MB)                     | 84.3 |
| Number Supported                            | One  |
| Height                                      | Half |
| Size(in)                                    | 3.5  |
| Drive Type(s)                               | 27   |
| Controller                                  | IDE  |
| Transfer Rate (Mbits/sec)                   | 16   |
| Sector Interleave                           | 1:1  |
| SEEK TIMES (TYPICAL,<br>INCLUDING SETTLING) |      |
| Track-to-Track (ms)                         | 8    |
| Average (ms)                                | 17   |
| Maximum (ms)                                | 35   |
| Rotational Speed (RPM)                      | 3833 |
| LOGICAL CONFIGURATION                       |      |
| Cylinders                                   | 832  |
| Heads                                       | 6    |
| Sectors Per Track                           | 38   |
| Bytes Per Sector                            | 512  |

#### System Unit

| Dimensions (LxWxD)                   | 15.95 x 15.05 x 4.0 ir<br>40.51 x 38.23 x<br>10.16 cm |
|--------------------------------------|-------------------------------------------------------|
| WEIGHT                               | 10.10 Cm                                              |
| Models 210, 120, and 60              | 15.85 lb (7.20 kg)                                    |
| Model 1                              | 14.1 lb (6.41 kg)                                     |
| INPUT REQUIREMENTS                   |                                                       |
| Nominal Line Voltage                 | 100 to 120 VAC<br>(220 to 240 VAC<br>outside N.A.)    |
| Line Voltage Range                   | 90 to 132 VAC<br>(180 to 264 VAC<br>outside N.A.)     |
| Line Frequency                       | 47 to 63 Hz                                           |
| Current (nominal)                    | 4.0 A<br>(2.0 A outside N.A.)                         |
| Fuse                                 | 4.0 A                                                 |
| Steady-State Power                   | 145.0 Watts                                           |
| TEMPERATURE RANGE                    |                                                       |
| Operating                            | 50° to 104° F<br>(10° to 40° C)                       |
| Nonoperating                         | -14° to 122° F<br>(-10° to 50° C)                     |
| RELATIVE HUMIDITY<br>(NONCONDENSING) |                                                       |
|                                      |                                                       |

Operating 20% to 80% Nonoperating 5% to 90%

# COMPAQ 1024 Color Monitor Option

| Туре                              | Color Multiscanning                                                        |  |
|-----------------------------------|----------------------------------------------------------------------------|--|
| Active Display Area               | 240 x 180 mm                                                               |  |
| Dot Pitch 0.28 mm                 |                                                                            |  |
| <b>Factory Preset Resolutions</b> | 1024 x 768 (72 Hz)                                                         |  |
|                                   | 1024 x 768 (87 Hz<br>interlaced)                                           |  |
|                                   | 800 x 600 (60 Hz)                                                          |  |
|                                   | 640 x 480 (72 Hz)                                                          |  |
|                                   | 640 x 480 (70 Hz)                                                          |  |
|                                   | 640 x 480 (60 Hz)                                                          |  |
|                                   | 640 x 350 (70 Hz)                                                          |  |
| Bandwidth                         | 75 MHz                                                                     |  |
| Input Impedance                   | e 75 Ohm                                                                   |  |
| Horizontal Frequency 30 to 50 KHz |                                                                            |  |
| Vertical Frequency 50 to 100 Hz   |                                                                            |  |
| Power Supply                      | Power Supply Autosensing 90 to 132<br>VAC and 180 to 264 at<br>50 to 60 Hz |  |
| Power Rating                      | 85 Watts                                                                   |  |
| Sync Input                        | t Sync on green,<br>TTL Sync,<br>Composite Sync                            |  |
| Signal Cable                      | 15-pin subminature D                                                       |  |
| Dimensions (W x H x L)            | nsions (W x H x L) 14.6 x 14.3 x 15.2 in (37.1 x 36.2 x 38.6 cm)           |  |
| Weight 30.86 lb (14 kg)           |                                                                            |  |

#### Audio

| 5.51 to 48 KHz                                              |
|-------------------------------------------------------------|
| 8-bit linear<br>8-bit alaw,<br>8-bit µlaw,<br>16-bit linear |
| ORS                                                         |
| Stereo 1/8-in<br>miniphone                                  |
| Stereo 1/8-in<br>miniphone                                  |
| Stereo 1/8-in miniphone                                     |
| Stereo 1/8-in miniphone                                     |
| E                                                           |
| 1 KOhm nom                                                  |
| 4 Ohm min                                                   |
| 20 KOhm nom                                                 |
| 20 KOhm                                                     |
| S                                                           |
| .013 max                                                    |
| 1.4 max                                                     |
| 0.7 max                                                     |
|                                                             |

## STANDARD MODELS AND OPTIONS

#### **Products**

#### COMPAQ DESKPRO 4/33i

33-MHz 486 microprocessor; integrated cache memory controller with 8 Kbytes of cache memory; chip-upgradable architecture for 486DX2/50 and 486DX2/66\* processors

#### COMPAQ DESKPRO 4/25is

25-MHz 486SX microprocessor; integrated cache memory controller with 8 Kbytes of cache memory; chip-upgradable architecture for 486DX, 486DX2/50, and 486DX2/66\* processors

#### COMPAQ DESKPRO 3/33i

33-MHz 386 microprocessor; 16 Kbytes of four-way set-associative cache memory; socket for optional math coprocessor; chip-upgradable architecture for 486SX, 486DX, 486DX2/50, and 486DX2/66\* processors

#### COMPAQ DESKPRO 3/25i

25-MHz 386 microprocessor; 16 Kbytes of four-way set-associative cache memory; socket for optional math coprocessor; chip-upgradable architecture for 486SX, 486DX, 486DX2/50, and 486DX2/66\* processors

#### Standard Models

| Model 1     | 3 1/2-Inch 1.44-Megabyte<br>Diskette Drive  |
|-------------|---------------------------------------------|
| Model 84    | 3 1/2-Inch 1.44-Megabyte                    |
| (All except | Diskette Drive                              |
| COMPAQ      | 84-Megabyte Hard Drive                      |
| DESKPRO     | MS-DOS Version 5.0, EZ Help,                |
| 486/33i)    | Online Library, COMPAQ User                 |
|             | Programs and other utilities<br>and drivers |
| Model 84    | 3 1/2-Inch 1.44-Megabyte                    |
| Windows     | Diskette Drive                              |
| (All except | 84-Megabyte Hard Drive                      |
| COMPAQ      | MS-DOS Version 5.0, EZ Help,                |
| DESKPRO     | Online Library, COMPAQ User                 |
| 486/33i)    | Programs, other utilities and               |
|             | drivers, Microsoft Windows,                 |
| *           | and COMPAQ Mouse.                           |
| Model 120   | 3 1/2-Inch 1.44-Megabyte                    |
|             | Diskette Drive                              |
|             | 120-Megabyte Hard Drive                     |
| 4           | MS-DOS Version 5.0, EZ Help,                |
|             | Online Library, COMPAQ User                 |
|             | Programs and other utilities                |
|             | and drivers                                 |
| Model 120   | 3 1/2-Inch 1.44-Megabyte                    |
| Windows     | Diskette Drive                              |
| (COMPAQ     | 120-Megabyte Hard Drive                     |
| DESKPRO     | MS-DOS Version 5.0, EZ Help,                |
| 4/33i only) | Online Library, COMPAQ User                 |

Programs, other utilities and

drivers, Microsoft Windows,

and COMPAQ Mouse.

#### Standard Models, continued

Model 210
(COMPAQ Diskette Drive Diskette Drive 210-Megabyte Hard Drive 486/33i only)

MS-DOS Version 5.0, EZ Help, Online Library, COMPAQ User Programs and other utilities

and drivers

#### Standard Features

Memory Upgradable system design

Four megabytes of high-speed memory, expandable to 32 megabytes

Expansion Three 8/16-bit ISA slots

Storage Three device positions
• One third-height for a

diskette drive

One half-height accessible for a diskette, tape, or CD-ROM drive

 One half-height 3 1/2-inch internal for a hard drive Internal expansion to 500 megabytes

Graphics QVision 1024 Graphics Controller with 16 colors, expandable to 256 colors;

expandable to 256 colors; resolutions up to 1024 x 768; graphics accelerator; 132column support

Interfaces Serial, parallel, pointing device (mouse), keyboard, Mic-in/Line-in, and Head-out/Line-out

Software Microsoft Windows Audio Applications and driver COMPAQ User Programs • Disk CACHE Utility

 COMPAQ Expanded Memory Manager (CEMM)
 Other COMPAQ software and drivers, including highperformance graphics drivers

Power Supply 145-Watt with manual line switching

Warranty One-Year Limited Warranty

Security

Asset management provision
Administrator password
Power-on password
Keyboard password
QuickLock/QuickBlank
Network server mode
Diskette boot control
Hard drive control
Serial interface control
Parallel interface control
Diskette write control
SETUP control

#### **Options**

Processor/ 64-Kbyte 486 Secondary Memory Cache Module

8-, 4-, 2-, and 1-Megabyte Single Inline Memory Modules (SIMMs)

Mass 5 1/2-inch 1.2-Megabyte Storage Diskette Drive

**Devices** 510-, 340-, 210, 120-, 84-Megabyte Hard Drives

320-/525- and 150-/250-Megabyte Tape Drives

80-/120-Megabyte Tape Drive with Compression

Graphics COMPAQ 1024 Color Monitor OVision 1024/I Controller

> Reduced Emissions Video Graphics Color Monitor Video Graphics Color Monitor Video Graphics Monochrome

512-Kbyte VRAM Module

#### Software and Reference Material

Microsoft MS-DOS Version 5.0 as Published by COMPAQ
COMPAQ LicensePaq for MS-DOS Version 5.0
Microsoft MS-DOS Version 3.31 as Published by COMPAQ
COMPAQ LicensePaq for MS-DOS Version 3.1
Microsoft MS OS/2 Standard Version 1.21 as Published by COMPAQ
Sytos Plus Tape Software for MS OS/2
Sytos Plus Tape Software for MS-DOS
COMPAQ DESKPRO/i Technical Reference Guide COMPAQ Video Graphics System Technical Reference Guide Compaq Business Audio System Guide

#### Supported Operating Systems From Joint Integration Partners

Banyan VINES Version 4.11 Microsoft LAN Manager Version 2 Microsoft Windows Novell NetWare v4.11 Novell NetWare v2.2 SCO UNIX System V/386 SCO Open Desktop

\*When available.

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