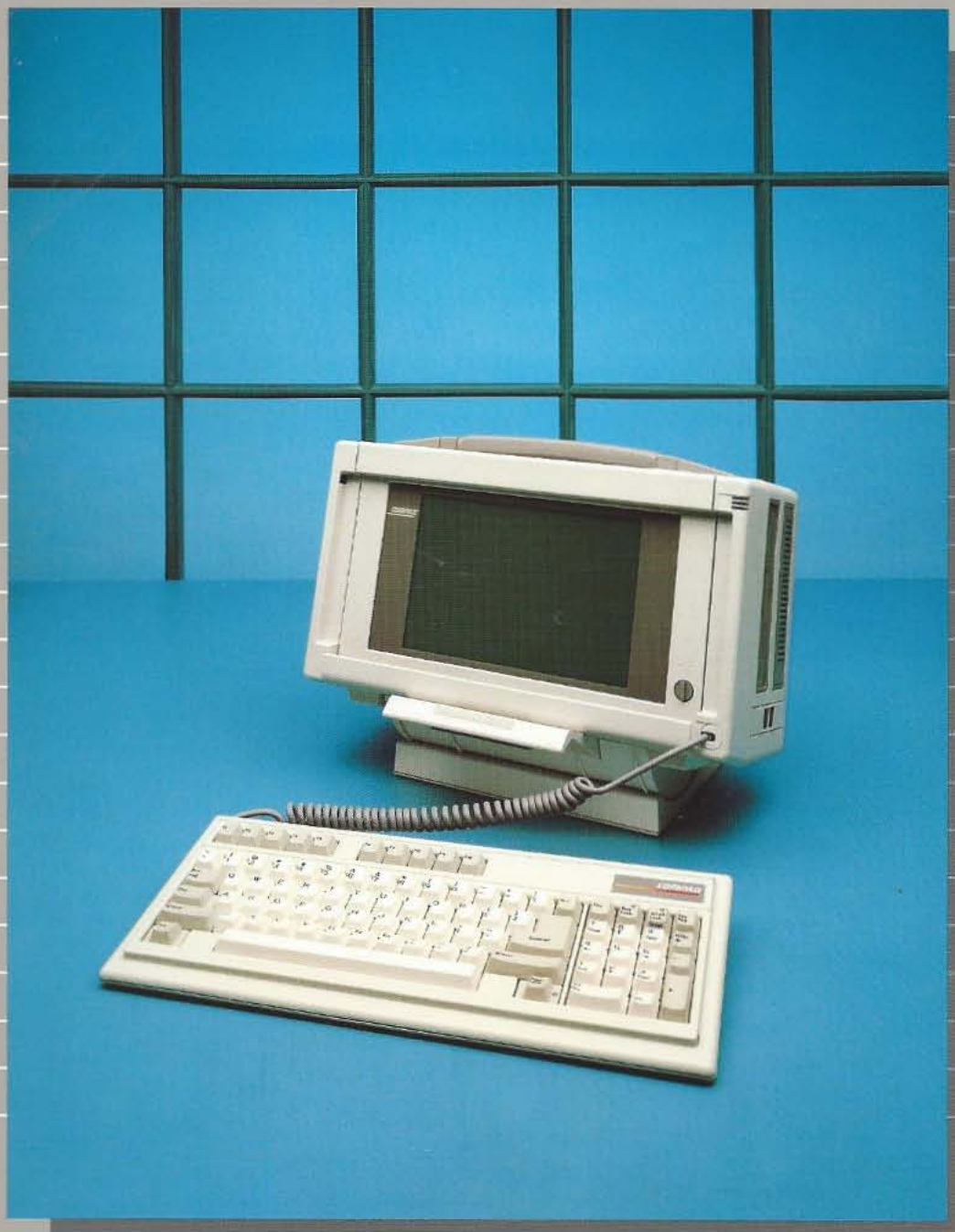
COMPAQ PORTABLE III™
Personal Computer
Product Bulletin



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COMPAQ PORTABLE III™ PRODUCT BULLETIN
First Edition (February 1987)
Computing devices will be available for sale after FCC certification.

PREFACE

This bulletin contains important information that will familiarize you with the COMPAQ PORTABLE III™ Personal Computer.

The information includes: standard model configurations, features/functions/benefits, a COMPAQ portable product feature comparison, memory expansion options, technical specifications, and answers to commonly asked questions.

Please study this information and use it to answer questions you may have about the COMPAQ PORTABLE III Personal Computer.

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The COMPAQ PORTABLE III Personal Computer is the utmost in full-function portability for the serious business user. Designed to include the right combination of power and portability, the COMPAQ PORTABLE III Personal Computer meets the needs of users who require a high performance business computer.

The mainstream 80286 microprocessor combined with the enhanced 12-MHz clock speed allows the COMPAQ PORTABLE III Personal Computer to run industry standard software packages up to 50 percent faster than 8-MHz 80286 products. The COMPAQ PORTABLE III Personal Computer also includes additional features, such as high capacity disk storage, 5¼-inch diskette drives, 640 Kbytes of standard memory, full-size 84-key keyboard, and the COMPAQ Dual-Mode Plasma Display.

Compaq Computer Corporation continues its tradition of providing quality products without compromises. Features, such as internally expandable memory (up to 6.6 Megabytes), optional 300/1200 baud Hayes-compatible internal modem, 8-MHz 80287 coprocessor socket, and optional expansion unit with 2 full-size industry standard expansion slots offer the flexibility to expand the system as needs change.

The COMPAQ PORTABLE III Personal Computer combines quality, reliability, and compatibility in a highly functional, easy to carry portable.

Standard Models and Options

MODEL 1

- 12-MHz 80286 Microprocessor
- 5¼-Inch 1.2-Megabyte Diskette Drive
- 640 Kbytes of Random-Access Memory (RAM)
- COMPAQ Dual-Mode Plasma Display
- Full-size, Detachable Keyboard
- Socket for an 8-MHz 80287 Coprocessor
- Asynchronous Communications Interface
- Parallel Printer Interface
- RGBI Interface
- 145-Watt Steady-State Power Supply
- Automatic Line Selecting Feature 110V/220V

MODEL 20

- 12-MHz 80286 Microprocessor
- 5¼-Inch 1.2-Megabyte Diskette Drive
- 20-Megabyte Fixed Disk Drive
- 640 Kbytes of Random-Access Memory (RAM)
- COMPAQ Dual-Mode Plasma Display
- Full-size, Detachable Keyboard
- Socket for an 8-MHz 80287 Coprocessor
- Asynchronous Communications Interface
- Parallel Printer Interface
- RGBI Interface
- 145-Watt Steady-State Power Supply
- Automatic Line Selecting Feature 110V/220V

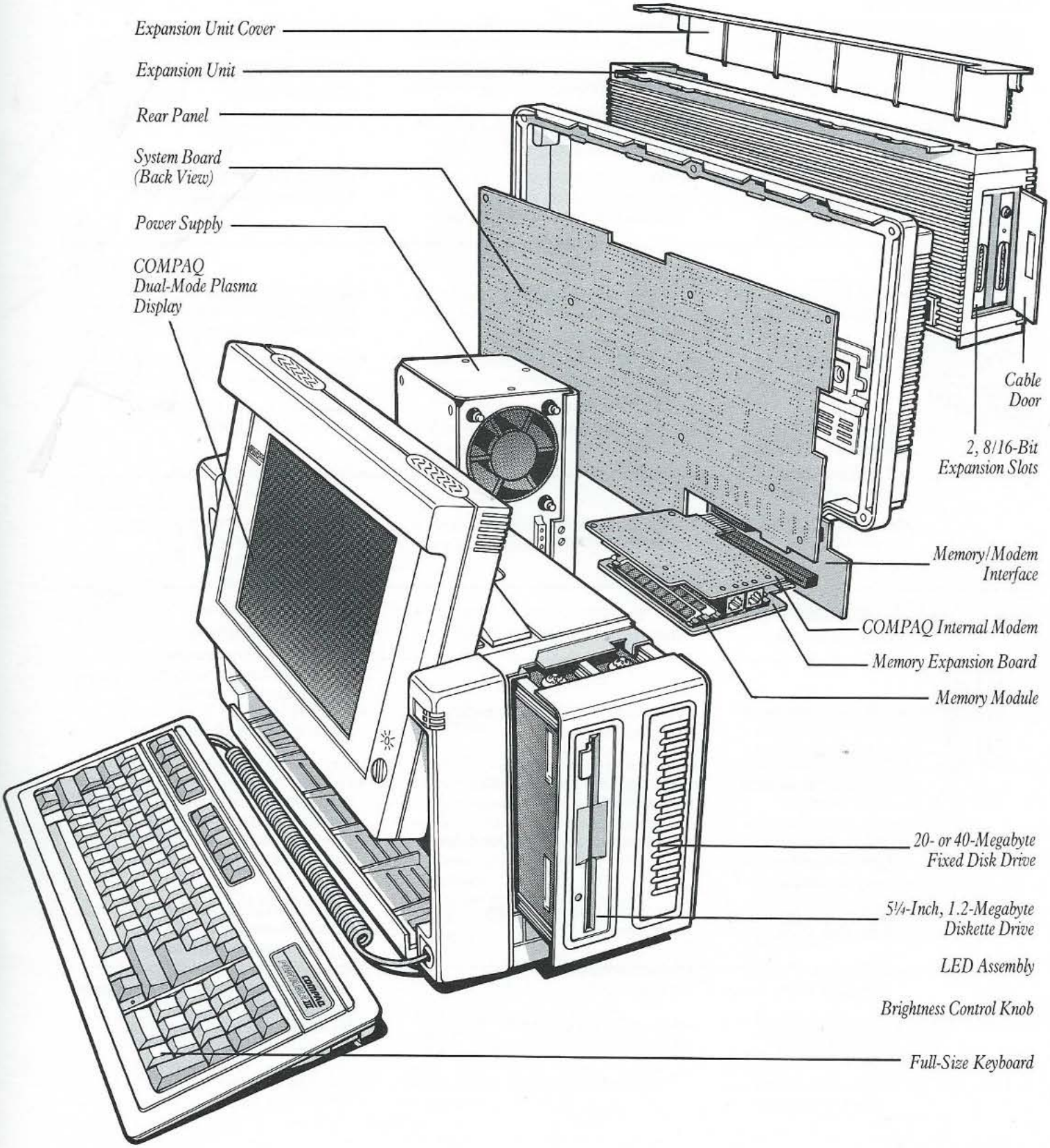
MODEL 40

- 12-MHz 80286 Microprocessor
- 5¼-Inch 1.2-Megabyte Diskette Drive
- 40-Megabyte Fixed Disk Drive
- 640 Kbytes of Random-Access Memory (RAM)
- COMPAQ Dual-Mode Plasma Display
- Full-size, Detachable Keyboard
- Socket for an 8-MHz 80287 Coprocessor
- Asynchronous Communications Interface
- Parallel Printer Interface
- RGBI Interface
- 145-Watt Steady-State Power Supply
- Automatic Line Selecting Feature 110V/220V

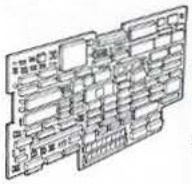
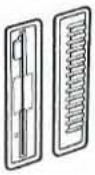
OPTIONS

- 40-Megabyte Fixed Disk Drive
- 20-Megabyte Fixed Disk Drive
- 360-Kbyte Diskette Drive
- COMPAQ Internal Modem
- Expansion Unit
- Memory Expansion Board Option Kit
- 512-Kbyte Memory Option Kit
- 2-Megabyte Memory Option Kit
- 8-MHz 80287 Coprocessor
- COMPAQ Color Monitor
- COMPAQ Enhanced Color Graphics Board
- Desktop Pedestal
- Carrying Case (Nylon or Leather)
- MS-DOS®/BASIC Version 3
- COMPAQ PORTABLE III Personal Computer Technical Reference Guide
- COMPAQ Enhanced Color Graphics Board Technical Reference Guide

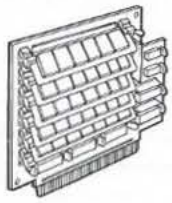
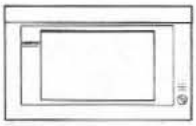
Features Illustration



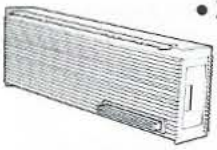
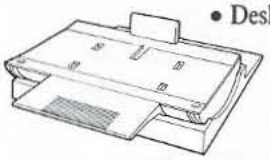
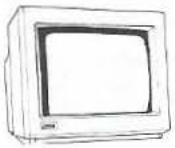
COMPAQ PORTABLE III Feature/Function/Benefit

Feature	Function	Benefit
MICROPROCESSOR		
• 12-MHz 80286	• Processes information up to 50% faster than 8-MHz 80286-based products	• Increases productivity by processing more information in less time
• Dual processing speeds (8- and 12-MHz)	• Provides speed modes that simulate the processing speed of existing personal computers, which maintains compatibility with most hardware and software requiring 8 MHz	• Protects existing hardware and software investment
• 16-bit memory architecture	• Processes data at 16 bits per CPU cycle and makes possible the accessing of large amounts of memory	• Increases data processing speed which increases productivity
SYSTEM BOARD		
		
• 640 Kbytes of 100ns RAM (standard)	• Processes up to 640,000 bytes of information at 12 MHz	• Eliminates the need for additional hardware purchases in order to load memory-intensive software
• Parallel Printer Interface	• Allows connection of a parallel printer to the system unit	• Eliminates the need to purchase and install additional hardware
• Asynchronous Communications Interface	• Allows connection of a serial device to the system unit	• Eliminates the need to purchase and install additional hardware
• Real-Time Clock (battery powered)	• Supplies current date and time	• Saves time by eliminating the need to reset the clock
• 8-MHz 80287 Coprocessor (optional)	• Increases the calculation speed of math-intensive applications	• Increases productivity by processing mathematical calculations in less time
MASS STORAGE DEVICES		
		
• Choice of internal storage devices	• Holds up to 2 storage devices	• Provides the flexibility to choose the type, quantity, and capacity of data storage that best meets the needs of specific applications
• Shock-mounted drives	• Protects drives by absorbing impact and vibration	• Enhances portability by providing rugged and reliable storage devices
Diskette Drives		
• 1.2-Megabyte Diskette Drive (standard)	• Reads both 1.2-Megabyte and 360-Kbyte diskettes	• Provides compatibility with the existing media standards for application software
• 360-Kbyte Diskette Drive (optional)	• Reads and writes to 360-Kbyte diskettes	• Protects software investment by offering compatibility with existing media
Fixed Disk Drives		
• 20-Megabyte 3½-inch Fixed Disk Drive	• Stores more than 10,000 pages of information	• Enhances portability by eliminating the need to carry the equivalent of 17 1.2-Megabyte diskettes
• 40-Megabyte 3½-inch Fixed Disk Drive	• Stores more than 20,000 pages of information	• Enhances portability by eliminating the need to carry the equivalent of 34 1.2-Megabyte diskettes
• Average access time of less than 30 ms	• Accesses data in less than thirty-thousandths of a second	• Increases productivity by reducing time spent to retrieve or store data

COMPAQ PORTABLE III Feature/Function/Benefit

Feature	Function	Benefit
MEMORY EXPANSION		
		
• Memory Expansion Board	• Holds up to three Memory Option Kits	• Allows memory expansion without the additional purchase of the expansion unit
• Operates at 12 MHz	• Processes information up to 50% faster than 8-MHz 80286-based products	• Increases productivity by processing more information in less time
• 512-Kbyte Memory Option Kit	• Provides more than 512,000 additional bytes of memory to the system	• Enables the expansion of internal system memory up to 2.1 Megabytes without purchasing the expansion unit
• 2-Megabyte Memory Option Kit	• Provides more than 2,000,000 additional bytes of memory to the system	• Enables the expansion of internal system memory up to 6.6 Megabytes without purchasing the expansion unit
PLASMA DISPLAY		
		
• DC plasma technology	• Provides a superior quality flat panel display	• Increases readability in any light and at various angles
• Dual-Mode	• Supports high-resolution text (640 x 400) and high-resolution graphics (640 x 400, 640 x 200, 320 x 200)	• Eliminates the need to purchase additional hardware to support both text and graphics
• Adjustable	• Allows variable positioning of display	• Provides viewing comfort which increases productivity
PHYSICAL CHARACTERISTICS		
• Dimensions Height 9.8 inches Width 16.0 inches Depth 7.8 inches	• Provides full-function computing in a small package	• Provides true portability
• Weight Starting at 18 pounds	• Provides full-function computing in a lightweight package	• Provides true portability
KEYBOARD		
• Standard layout with 84 full-size keys	• Provides a comfortable and familiar keyboard	• Increases personal productivity by reducing time spent learning keyboard layout
• 10-key numeric/cursor keypad	• Provides a dedicated area on the keyboard for numeric input and cursor movement	• Enables faster cursor movement and easier numeric input
• 10 function keys	• Allows 10 keys to be programmed with special instructions	• Increases productivity by saving time and adding convenience
• Detached	• Allows free movement of the keyboard	• Contributes to personal productivity by providing comfort
• LED indicators	• Indicates on/off state of CAPS LOCK, NUM LOCK, and SCROLL LOCK	• Increases accuracy of data input through easy recognition of key state
POWER SUPPLY		
• 145 Watts Steady-state 160 Watts Peak	• Distributes sufficient power to the system to support all available configurations	• Prevents replacing or supplementing existing power supply to add expansion unit
• Automatic line selecting feature (110v/220v)	• Determines the voltage of incoming power	• Provides flexibility for international travel

COMPAQ PORTABLE III Feature/Function/Benefit

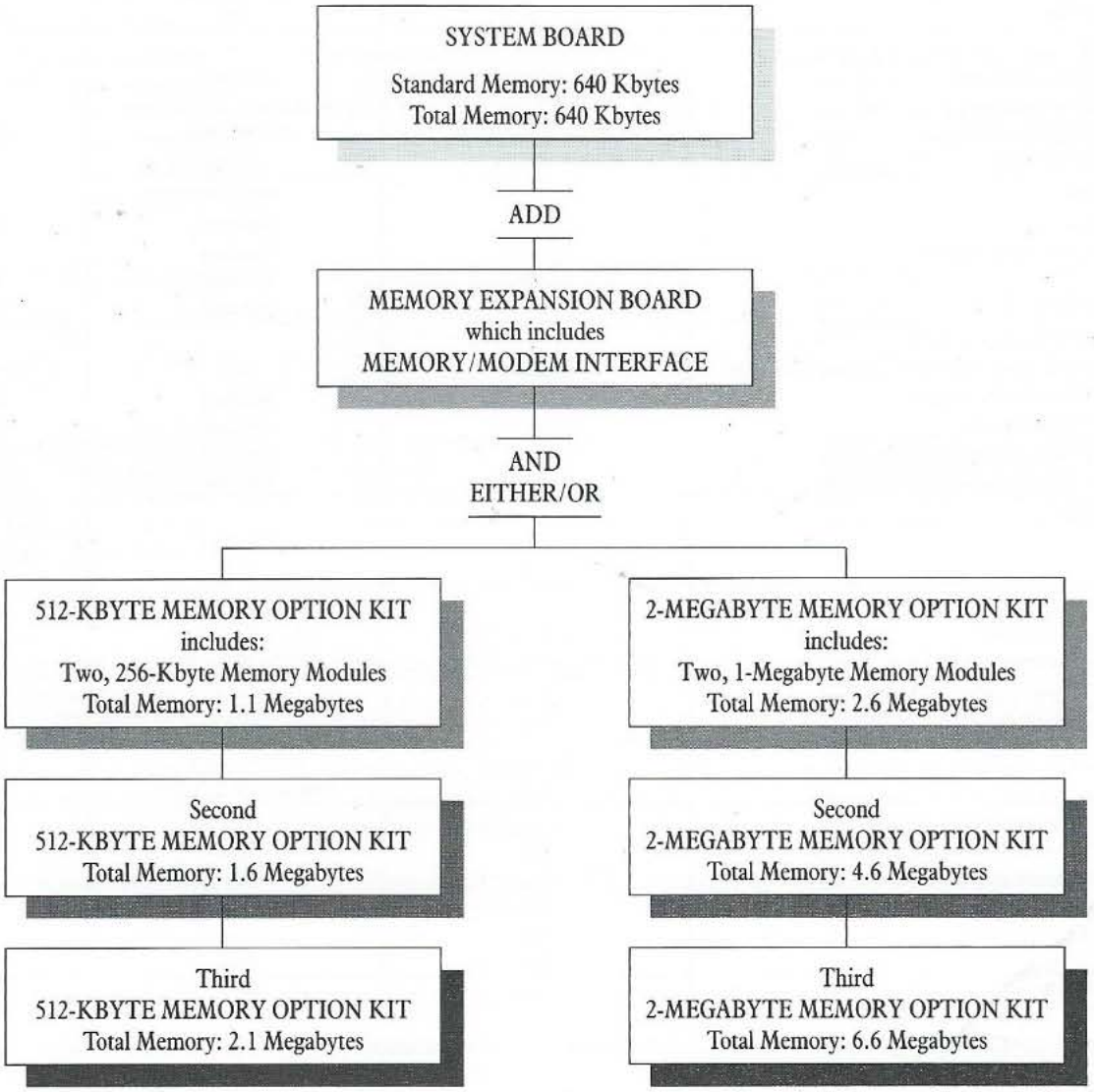
Feature	Function	Benefit
EXPANSION UNIT		
 • 2 full-size 8/16-bit slots	• Allows installation of optional hardware	• Enhances functionality by allowing installation of industry standard boards
CONVENIENCE OPTIONS		
• Internal Modem – Hayes-compatible – 300/1200 Baud – Tone/pulse dialing – Full- or half-duplex – Auto answer/originate	• Provides communications capabilities within the COMPAQ PORTABLE III system unit	• Frees asynchronous communications interface for other serial devices, and provides compatibility with industry standard communications software
 • Desktop Pedestal	• Provides an adjustable stand for the COMPAQ PORTABLE III system unit	• Adjusts to a variety of operating positions which enhances personal productivity
• Carrying Case – black nylon or black leather – shoulder strap – expandable	• Protects system unit while in transit • Expands to accommodate expansion unit	• Enhances portability by making the system unit easier to carry • Provides space for future system expansion without additional cost
VIDEO		
 • COMPAQ Enhanced Color Graphics Board (optional)	• Provides EGA resolution capability	• Provides the high-resolution graphics necessary for an increasing number of today's applications
• COMPAQ Color Monitor (optional)	• Displays text and graphics in a maximum resolution of 640 x 350 and supports 64 colors	• Increases the graphics functionality of the system by taking advantage of industry standard software
• RGBI Interface (standard)	• Allows connection of a color monitor to the system unit	• Allows connection of an external color monitor without an additional investment
SOFTWARE		
• ADAPT (Advanced Display Attribute Programming Tool)	• Enables adjustment of highlighted text attributes	• Allows personalized selection and modification of display features which maximizes readability
• Screen-Save	• Causes screen to go dark when there has not been any recent computer or keyboard activity	• Provides privacy while system is unattended
DOCUMENTATION		
• Operations Guide	• Provides the information needed to operate the COMPAQ PORTABLE III	• Provides useful system information to new COMPAQ PORTABLE III users
• Technical Reference Guide	• Provides reference information intended for advanced users and programmers	• Allows these users to maximize system performance

COMPAQ Portable Products Feature Comparison

FEATURE	COMPAQ PORTABLE III (Model 20 or 40)	COMPAQ PORTABLE II (Model 4)	COMPAQ Portable
SYSTEM UNIT:			
Processor	80286	80286	8088
Clock Speed	12/8-MHz	8/6-MHz	4.77-MHz
Architecture	16-bit	16-bit	16-bit
Expansion Slots (available)	2 (Expansion Unit)	2	3
Memory—Standard	640 Kbytes	640 Kbytes	256 Kbytes
Memory—Maximum	6.6 Megabytes	4.1 Megabytes	640 Kbytes
Real-Time Clock	Yes	Yes	Optional
STORAGE:			
Diskette Drive—Standard	1.2-Megabyte	360-Kbyte	Two, 360-Kbyte
Diskette Drive—Optional	360-Kbyte	360-Kbyte/1.2-Megabyte	N/A
Fixed Disk Drive—Standard	20- or 40-Megabyte	20-Megabyte	N/A
Average Access Time	<30 ms	<105 ms	N/A
INTERFACES:			
Parallel Printer	Standard	Standard	Standard
Asynchronous Communications	Standard	Standard	Optional
RGBI	Standard	Standard	Standard
Composite Video	N/A	Standard	Standard
MONITORS/CONTROLLERS:			
COMPAQ Dual-Mode Plasma Display and Controller	Standard	N/A	N/A
COMPAQ Dual-Mode Monitor	N/A	Standard	Standard
COMPAQ Color Monitor	Optional	Optional	Optional
COMPAQ Video Display Controller Board	N/A	Standard	Standard
COMPAQ Enhanced Color Graphics Board	Optional	Optional	Optional
KEYBOARDS:			
84-Key	Standard	Standard	N/A
83-Key	N/A	N/A	Standard
DIMENSIONS:			
(HxWxD) in inches	9.8 x 16.0 x 7.8	7.5 x 17.7 x 13.9	8.5 x 20.0 x 16
in centimeters	24.9 x 40.6 x 19.8	19.1 x 45.0 x 35.3	21.6 x 50.8 x 40.6
WEIGHT: in pounds	20.0	<27.0	<32.0
in kilograms	9.1	<12.3	<14.6
COPROCESSOR SOCKET:	8-MHz, 80287	8-MHz, 80287 (runs at 4- or 5.33-MHz)	8087
COMPAQ OPTIONS:			
MS-DOS Version 3	Yes	Yes	Yes
COMPAQ Internal Modem	Yes	No	No
Coprocessor	Yes	Yes	No
Technical Reference Guide	Yes	Yes	No
Carrying Case	Yes	Yes	Yes
Desktop Pedestal	Yes	No	No

Memory Expansion

The COMPAQ PORTABLE III Personal Computer is configured with 640 Kbytes of 100 ns RAM. The Memory Expansion Board can be expanded to a maximum of 6.0 Megabytes or 1.5 Megabytes with the addition of COMPAQ Memory Option Kits for a maximum system total of either 6.6 or 2.1 Megabytes. Memory Option Kits are available in increments of 512 Kbytes and 2 Megabytes. The Memory Expansion Board can hold a total of three Memory Option Kits which must all be either 512-Kbyte Memory Option Kits or 2-Megabyte Memory Option Kits. The following flowchart illustrates the COMPAQ PORTABLE III Personal Computer memory expansion options.



The COMPAQ PORTABLE III Personal Computer system board has one 8-position switch and 10 jumpers that provide multiconfiguration capabilities. An 8-position switch provides selection capability for memory, fixed disk drive enabling and disabling, CPU speed, and various display options.

SW1 SWITCH SETTINGS

Switch Positions	Selection	Switch Settings (ON = closed, OFF = open)		Result
1 and 2	Base Memory	1	2	
		ON	ON	Reserved
		ON	OFF	0–256K
		OFF	ON	0–512K
		OFF	OFF	0–640K
3 and 4	Extended Memory	3	4	
		ON	ON	Reserved
		ON	OFF	640K and 512K Memory Option Kit
		OFF	ON	640K and 2MB Memory Option Kit
		OFF	OFF	Reserved
5	Enable Fixed Disk Drive	5		
		ON		Enable Fixed Disk Drive
		OFF		Disable Fixed Disk Drive
6	CPU Boot Speed	6		
		ON		FAST (8-MHz only)
		OFF		AUTO (12/8-MHz)
7	Video	7		
		ON		Boot Plasma display in dual-mode
		OFF		Boot Plasma display in Monochrome mode
8	Reserved			

When adding memory options to the COMPAQ PORTABLE III Personal Computer, a combination of switches and jumpers must be set. The following table lists all possible memory configurations and the appropriate settings.

Option	Switch 3	Switch 4	Jumper E17	Memory Board Jumper E1
1st 512-Kbyte Memory Option Kit	ON	OFF	2 & 3 5 & 6	1 & 2
2nd 512-Kbyte Memory Option Kit	ON	OFF	1 & 2 4 & 5	1 & 2
3rd 512-Kbyte Memory Option Kit	ON	OFF	1 & 2 5 & 6	1 & 2
1st 2-Megabyte Memory Option Kit	OFF	ON	2 & 3 5 & 6	2 & 3
2nd 2-Megabyte Memory Option Kit	OFF	ON	1 & 2 4 & 5	2 & 3
3rd 2-Megabyte Memory Option Kit	OFF	ON	1 & 2 5 & 6	2 & 3

MASS STORAGE DEVICE PERFORMANCE

DISKETTE DRIVES	1.2-MEGABYTE	360-KBYTE
LED Indicators		
Read/Write 1.2-Megabyte	Green	N/A
Read/Write 360-Kbyte	Orange	Orange
Capacity per Drive	1.2 MB	360KB
Drive Height	1.1 in (third)	1.1 in (third)
Drive Size	5 1/4 in	5 1/4 in
Drive Rotation (RPM)	360	300
Transfer Rate (BPS) 1.2MB/360KB	500KB/300KB	250KB
Bytes per sector	512	512
Sectors per Track 1.2MB/360KB	15/9	9
Tracks per Side	80/40	40
Access Times (Excluding Settling)		
Track-to-Track (ms)	3	6
Average (ms)	80	80
Settling Time (ms)	15	15
Latency Average (ms)	84	100
Cylinders 1.2MB/360KB	80/40	40
Read/Write Heads	2	2

FIXED DISK DRIVES	20-MEGABYTE	40-MEGABYTE
Standard Configuration	Model 20	Model 40
Option Kit	No	Yes
Capacity Per Drive	20 Megabytes	40 Megabytes
Drive Size/Height	3½ in/third	3½ in/third
Drive Type	2	17
Transfer Rate	8 Mbit	8 Mbit
Bytes Per Sector	512	512
Logical Sectors Per Track	17	17
Logical Number of Surfaces	2	4
Tracks Per Surface	615	980
Access Times (Including Settling)		
Track-to-Track (ms)	8	8
Average (ms)	<30	<30
Maximum (ms)	70	70
Physical Cylinders	805	805
Physical Read/Write Heads	2	4
Logical Cylinders	615	980
Logical Heads	4	5
Backup Medium	Diskettes	Diskettes

SYSTEM UNIT

	Domestic	International
Dimensions:		
Height	9.8 in	24.8 cm
Depth	7.8 in	19.8 cm
Width	16.0 in	40.6 cm
Weight:		
Model 1	18 lb	8.2 kg
Model 20	20 lb	9.1 kg
Model 40	20 lb	9.1 kg
Power Requirements:		
Nominal Line Voltage	120 VAC	230 VAC
Range Line Voltage	102 to 132 VAC	204 to 264 VAC
Line Frequency	60 Hz	50 Hz
Current	3 A	2 A
Environmental Requirements:		
Temperature		
Operating	50° to 104°F	10° to 40°C
Nonoperating	14° to 122°F	−10° to 50°C
Shipping	−22° to 140°F	−30° to 60°C
Humidity:		
Operating	20% to 80% noncondensing	Same
Nonoperating	Not less than 5% nor more than 90% noncondensing	Same
Maximum Unpressurized Altitude:		
Operating	10,000 ft	3,000 m
Nonoperating	30,000 ft	9,100 m
KEYBOARD		
Dimensions:		
Height	1.2 in	3.0 cm
Depth	7.1 in	18.0 cm
Width	15.8 in	40.1 cm
Number of Keys:	84	84
Cable Extended Length:	30.0 in	76.2 cm
Coil Diameter:	.6 in	1.5 cm
Interface:	Industry-standard 5-pin circular DIN-type connector	Same

Physical Measurements

SYSTEM UNIT

	Domestic	International
PLASMA DISPLAY		
Type	DC Plasma	DC Plasma
Mounting	Internal	Internal
Character Display	80/40 x 25	80/40 x 25
Brightness	Adjustable	Adjustable
Diagonal Size	10 in	10 in
Resolution	Text—640 x 400	Text—640 x 400
	Graphics—640 x 400	Graphics—640 x 400
	640 x 200	640 x 200
	320 x 200	320 x 200
Dimensions:		
Height (Viewable Area)	5.2 in	13.2 cm
Weight	2.0 lb	.9 kg
Width (Viewable Area)	8.3 in	21.1 cm
INTERNAL MODEM		
Dimensions:		
Height	3.4 in	International Modem Specifications Available Locally
Depth	.7 in	International Modem Specifications Available Locally
Width	5.4 in	International Modem Specifications Available Locally
Type:	0-300 Baud (Bell 103J)	
	1200 Baud (Bell 212A)	International Modem Specifications Available Locally
EXPANSION UNIT		
Dimensions:		
Height	6.0 in	15.2 cm
Depth	2.4 in	6.1 cm
Width	14.5 in	36.8 cm
Slots:	Two, 8 MHz 8/16-bit slots (fully skirted 8-bit boards not compatible)	Same

Item Number and Part Number Reference

	ITEM NUMBER	PART NUMBER
COMPAQ PORTABLE III Personal Computer Model 1	111	107000-001
COMPAQ PORTABLE III Personal Computer Model 20	112	107000-003
COMPAQ PORTABLE III Personal Computer Model 40	113	107000-004
40-Megabyte Fixed Disk Drive	219	107339-001
20-Megabyte Fixed Disk Drive	274	107338-001
360-Kbyte Diskette Drive	265	107337-001
COMPAQ Internal Modem	266	107329-001
Expansion Unit	267	107334-001
Memory Expansion Board	268	107330-001
512-Kbyte Memory Option Kit	269	107331-001
2-Megabyte Memory Option Kit	270	107332-001
8-MHz 80287 Coprocessor	264	102726-001
COMPAQ Color Monitor	247	106162-001
COMPAQ Enhanced Color Graphics Board	246	106212-001
Desktop Pedestal (5-Pack)	271	107333-001
Leather Carrying Case	272	107409-001
Nylon Carrying Case	273	107335-001
MS-DOS/BASIC Version 3, Release 3.2 (6 pack)	523	106687-001
COMPAQ PORTABLE III Personal Computer Technical Reference Guide	510	107303-001
COMPAQ Enhanced Color Graphics Board Technical Reference Guide	509	106465-001

Questions and Answers

Q: How much faster is the 12-MHz 80286 microprocessor than the 8-MHz 80286 microprocessor?

A: The 12-MHz 80286 microprocessor in the COMPAQ PORTABLE III Personal Computer will run up to 50 percent faster than 8-MHz 80286 microprocessors.

Q: What is the product warranty for the COMPAQ PORTABLE III Personal Computer and options?

A: The COMPAQ PORTABLE III Personal Computer provides a 1-year limited warranty from the date of purchase. All other options provide a 90-day limited warranty, or the balance of the system warranty, whichever is greater.

Q: Why did Compaq use 5¼-inch diskette drives in the COMPAQ PORTABLE III Personal Computer instead of the 3½-inch diskette drives?

A: Although 3½-inch diskette drives would help reduce the size and weight of the COMPAQ PORTABLE III, they would impact the compatibility for which Compaq Computer Corporation is known. The industry has been slow to make the transition from the 5¼-inch diskette standard to 3½-inch diskettes.

Q: Why did Compaq choose to support 640 x 400 resolution on the COMPAQ Dual-Mode Plasma Display?

A: In order to maximize the output of the COMPAQ Dual-Mode Plasma Display, Compaq decided to offer a 640 x 400 resolution for both text and graphics. The 640 x 400 text mode is accomplished through the CRT/Plasma Conversion Feature which automatically converts the standard 720 x 350 input to 640 x 400 resolution and is completely transparent to the user.

A number of software packages include support for a 640 x 400 graphics resolution. Compaq is offering this additional functionality to give you the flexibility to choose high resolution graphics. The COMPAQ PORTABLE III also supports graphics with the industry standard CGA resolutions of 640 x 200 and 320 x 200.

Q: What is ADAPT and when will I use it?

A: ADAPT stands for Advanced Display Attribute Programming Tool and is an MS-DOS memory-resident utility specifically designed for the COMPAQ PORTABLE III Personal Computer. Many application programs provide highlighted text which appears brighter than surrounding text. ADAPT allows you to change the appearance of this highlighted text from within your application program. You can use ADAPT when you wish to modify the way in which highlighted text is displayed. The display options include: *half-intensity, reverse video, underline, none, and alternate character set.*

Q: Can I attach a COMPAQ Dual-Mode Monitor to my COMPAQ PORTABLE III Personal Computer?

A: No, the COMPAQ Dual-Mode Monitor does not have its own power supply, therefore, it is not compatible with the COMPAQ PORTABLE III.

Q: Is the COMPAQ PORTABLE III Personal Computer keyboard detachable?

A: Yes, however, the keyboard has been specifically designed to protect the plasma display in the portable environment. We do not recommend moving the computer without the keyboard attached.

Q: Can I attach the COMPAQ Color Monitor and the COMPAQ Enhanced Color Graphics Board to the COMPAQ PORTABLE III Personal Computer?

A: Yes, with the addition of the optional Expansion Unit the COMPAQ Color Monitor and the COMPAQ Enhanced Color Graphics Board can operate with the COMPAQ PORTABLE III Personal Computer. The COMPAQ Color Monitor can operate in the CGA mode only when attached to the RGBI interface on the COMPAQ PORTABLE III.

Q: What is the Screen-Save feature?

A: The Screen-Save feature is a COMPAQ Dual-Mode Plasma Display feature which gives COMPAQ PORTABLE III users additional privacy. Screen-Save allows users to set an inactivity time limit, which if exceeded, allows the system to automatically blank the display. A key touch will return the display to its original state.

Q: Why didn't Compaq include CEMM in this product?

A: CEMM requires use of the virtual mode capabilities of the 80386 microprocessor in the COMPAQ DESKPRO 386. It cannot be used in conjunction with the 12-MHz 80286 of the COMPAQ PORTABLE III.

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