THE COMPAQ LTE Lite FAMILY OF PERSONAL COMPUTERS

Features/Specifications

Welcome to the award-winning COMPAQ LTE Lite Family—small, lightweight PC powerhouses that deliver features unmatched by any notebook product in their class.

Once again Compaq takes the technology lead, bringing you the new Intel 486SL microprocessor with an integrated coprocessor and high-contrast, fast-response active matrix displays. For the ultimate in notebook computing, the *COMPAQ LTE Lite 4/25C* combines the power of the 486SL microprocessor with a stunning active matrix color VGA display.

We're also pleased to introduce the *COMPAQ LTE Lite/25E*, the world's first VGA notebook PC with the COMPAQ UltraView Display—a brilliant active matrix black and white display. Using break-through display technology you won't see in competitive products, this 386SL-based

PC raises the standard for monochrome notebook displays by producing sharp, clear images in true black and white.

For proven 386SL performance combined with an active matrix color VGA display, choose the *COMPAQ LTE Lite/25C*.

Of course, if you prefer the affordability of a passive matrix LCD display, the COMPAQ LTE Lite Family features the highly acclaimed *COMPAQ LTE Lite/25* with the bright, crisp COMPAQ Maxlight VGA Display.

The family has grown, but rest assured that these PCs contain the well thought-out features and keen attention to detail that made COMPAQ LTE Lite notebook PCs bestsellers. Key features you won't find on other notebook products include:

- Built-in EasyPoint trackball
- Long-life COMPAQ Power Smart Packs
- A highly accurate battery gauge

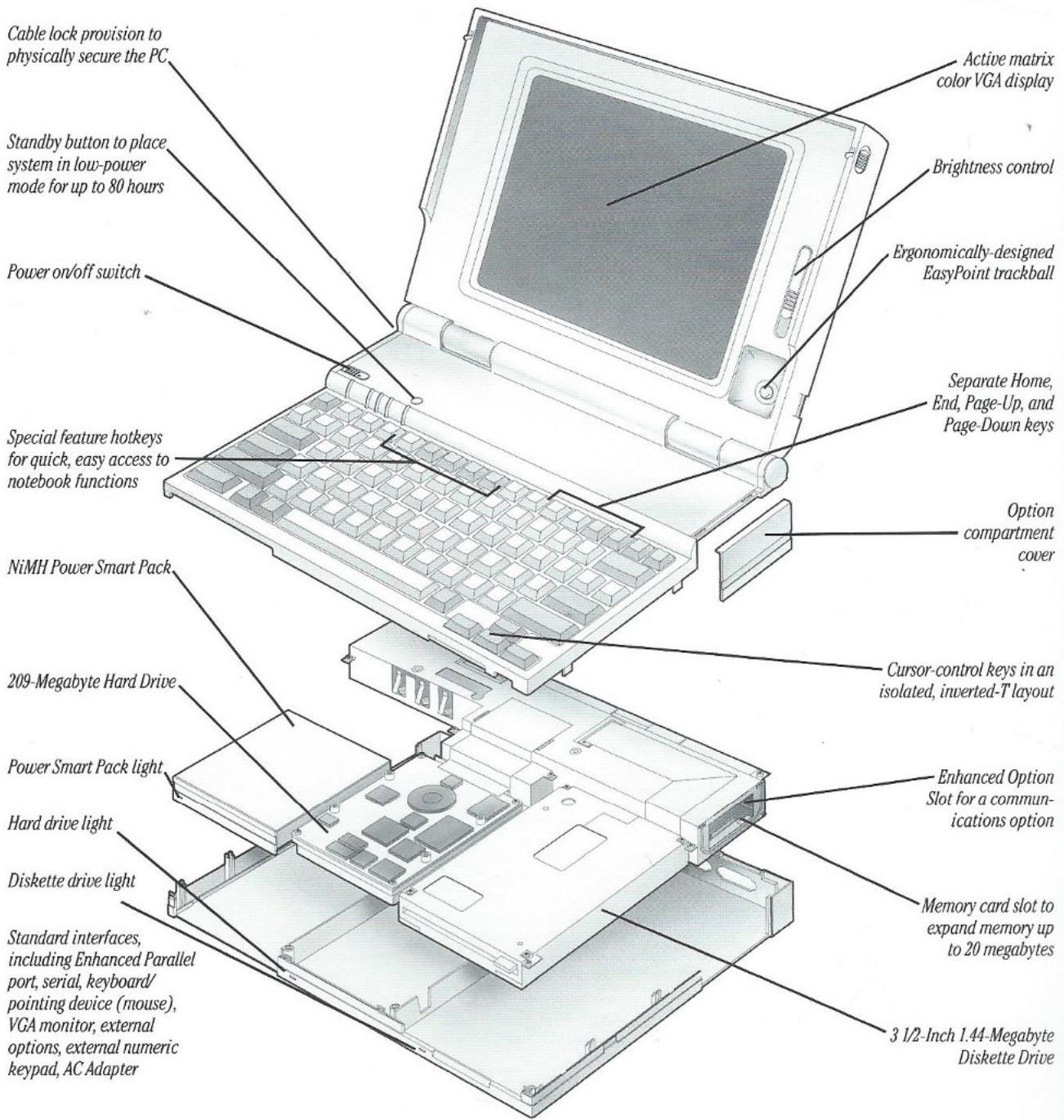- Extensive power conservation features
- MultiLock security features

We also preinstall software on the hard drive to get your PC up and running immediately.

On the road, keep in touch using one of a wide array of communications options from Compaq. The new COMPAQ SpeedPAQ 144 Modem combines a 14.4-Kbps data transmission speed with a send and receive 9,600-bps fax feature and direct connection to select Motorola and Nokia cellular phones.

Back at the office, the optional COMPAQ Desktop Expansion Base instantly transforms your COMPAQ LTE Lite notebook PC into a full desktop PC, complete with two slots, two storage bays, fast-charge capability, and built-in security features. Or, you can enjoy one-step connection to your peripherals with the new COMPAQ QuickConnect option.

COMPAQ

FULL-FEATURED LIGHTWEIGHT NOTEBOOK PC

Cable lock provision to physically secure the PC

Standby button to place system in low-power mode for up to 80 hours

Power on/off switch

Special feature hotkeys for quick, easy access to notebook functions

NiMH Power Smart Pack

209-Megabyte Hard Drive

Power Smart Pack light

Hard drive light

Diskette drive light

Standard interfaces, including Enhanced Parallel port, serial, keyboard/ pointing device (mouse), VGA monitor, external options, external numeric keypad, AC Adapter

Active matrix color VGA display

Brightness control

Ergonomically-designed EasyPoint trackball

Separate Home, End, Page-Up, and Page-Down keys

Option compartment cover

Cursor-control keys in an isolated, inverted-T layout

Enhanced Option Slot for a communications option

Memory card slot to expand memory up to 20 megabytes

3 1/2-Inch 1.44-Megabyte Diskette Drive

KEY FEATURES

FEATURE	BENEFIT
Microprocessor	
New Intel 25-MHz 486SL Microprocessor with Integrated Numeric Coprocessor	*Combines the 32-bit performance and functionality of a 486DX microprocessor, including an 8-Kbyte internal cache and integrated 387-compatible numeric coprocessor, with the power-saving features of the 386SL. (Standard on the COMPAQ LTE Lite 4/25C.)*
25-MHz 386SL Microprocessor	*Uses energy-efficient 386 technology specifically designed for battery-powered products. COMPAQ design includes a 64-Kbyte four-way set-associative cache (16 Kbytes on COMPAQ LTE Lite/25) and a socket for an optional 387SL coprocessor. (Standard on the COMPAQ LTE Lite/25E, COMPAQ LTE Lite/25C, and COMPAQ LTE Lite/25.)*
Display	
Active Matrix Color VGA	*Uses active matrix thin-film transistor (TFT) technology to support up to 256 rich, saturated colors simultaneously on a fast-response, high-contrast display. Palette size is 4,096 colors in 640 x 480 (VGA) resolution; 256,000 colors in 320 x 200 resolution. (Standard on the COMPAQ LTE Lite 4/25C and COMPAQ LTE Lite/25C.)*
COMPAQ UltraView Display	*Provides the world's first true black and white active matrix VGA display. Performance advantages include fast response, wide viewing angle, and extremely high contrast for superior gray-scale differentiation. Supports 16 gray scales in 640 x 480 resolution; 64 gray scales in 320 x 200 resolution. (Standard on the COMPAQ LTE Lite/25E.)*
COMPAQ Maxlight VGA Display	*Uses a unique, high-efficiency lighting system to provide an extremely bright, evenly lit passive matrix LCD display without sacrificing battery life. (Standard on the COMPAQ LTE Lite/25.)*
Support for Simultaneous Display	*Provides the perfect tool for presentations by allowing you to interact with your PC while the audience views the results on an external display.*
Extended Text	*Increases readability in text mode by allowing you to define the viewable area of the display from three different modes.*
Integrated EasyPoint Trackball	*Integrates an innovative trackball positioned for both comfort and convenience. COMPAQ design allows you to point and click with one hand. (Excludes the COMPAQ LTE Lite/25.)*
Power Conservation Features	*Covers a wide range of COMPAQ-exclusive power-conservation features including the menu-driven Power Conservation Utility, Hibernation (a placemark feature that saves your data to the hard drive and turns the system off), System Idle, and Standby. The 486SL-based models and COMPAQ LTE Lite/25E also support Advanced Power Management (APM) to extend battery life even further.*
Desktop Expansion Base Option	*Provides full desktop functionality with two slots, two storage bays, integrated fast-charge capability, standard interfaces, and built-in security features.*
Enhanced Option Slot	*Provides extensive support for COMPAQ and third-party communications options. Choose from a wide range of high-performance COMPAQ communications options, including the COMPAQ SpeedPAQ 144 Modem, which allows you to send and receive data transmissions at up to 14.4 Kbps, send and receive faxes at up to 9,600 bps, connect directly to select Motorola and Nokia cellular telephones, and use the modem internationally.*
MultiLock Security	*Includes a comprehensive set of hardware and software security features to protect your PC and valuable stored data. New features include diskette drive control and SETUP password.*
Preinstalled Software	*Ensures that you are up and running right out of the box by preinstalling Microsoft MS-DOS Version 5.0 as published by Compaq, Microsoft Windows 3.1, and EZ Help Online Library on your hard drive. (Excludes the COMPAQ LTE Lite/25.)*
Desktop Keyboard Familiarity	*Familiar layout with standard spacing puts cursor keys in an isolated, inverted-T layout, and includes 12 programmable function keys and separate keys for Home, End, Page-Up, and Page-Down. Special feature hotkeys provide quick access to notebook functions.*
Service and Support	*Includes a one-year On-Site Limited Warranty and a host of other programs, including a toll-free hotline (1-800-345-1518) staffed by highly trained engineers and specialists.*

No matter what your applications, COMPAQ LTE Lite Family includes a notebook PC with the right level of performance to meet your computing needs. Choose from 386SL-based models and models that incorporate a new 486SL microprocessor optimized for notebook computing. We also offer three types of VGA displays—active matrix color, the COMPAQ UltraView Display, and the COMPAQ Maxlight VGA Display. At every level in this family of notebook products, Compaq has optimized the technology to bring you the most features at the highest possible performance—and all at an attractive price.

Energy-Efficient 486 Power

The COMPAQ LTE Lite 4/25C takes advantage of the new 25-MHz 486SL microprocessor from Intel. The 486SL comes complete with an 8-Kbyte internal cache and, unlike the 486SX microprocessor, an integrated math coprocessor to bring 486DX performance to notebook PCs. With this powerful new microprocessor, the COMPAQ LTE Lite 4/25C delivers twice the performance of 386SL-based models with a 64-Kbyte second-level cache.

But exceptional performance is only half the story. Designed specifically for notebook PCs, the 486SL chipset is highly integrated to take up less space than a 486DX design, plus it incorporates specific features to conserve power. The energy-efficient 486SL replaces most of the 5-Volt circuitry of the 486DX with 3.3-Volt components thus drawing less power overall than the 486DX design.

Solid 386 Performance

If your applications are well-suited to proven 386 performance, we offer a choice of three models—the COMPAQ LTE Lite/25C, COMPAQ LTE Lite/25E, or COMPAQ LTE Lite/25. At the heart of all these PCs is the 386SL chipset, which, like the 486SL, features a high level of integration and incorporates special features to conserve battery power. We further enhance performance by incorporating a 64-Kbyte four-way set-associative cache (16 Kbytes on the COMPAQ LTE Lite/25).

For spreadsheets and other applications that call for number-crunching capability, all 386SL-based COMPAQ LTE Lite models support an optional 387SL coprocessor. Designed specifically for

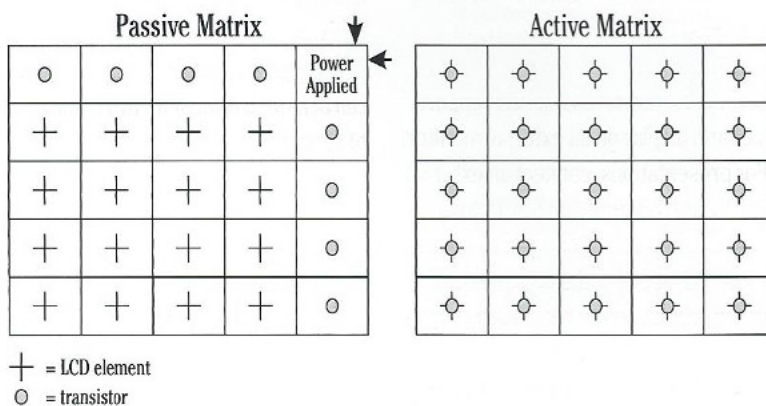notebook products, the 387SL is also highly energy efficient.

High-Performance Displays

Compaq brings state-of-the-art innovation to the display subsystem by offering both color and black-and-white implementations of active matrix technology. As shown in the drawing below, fine-tuned control over individual pixels gives active matrix displays exceptionally high contrast, with a contrast ratio of 100:1 as compared to a ratio of 14:1 on passive matrix displays. This, in turn, gives you an extensive selection of colors or gray scales and an incredibly fast screen response. With a response time of less than 50 milliseconds, you won't see blurred images or lose the cursor when using a pointing device.
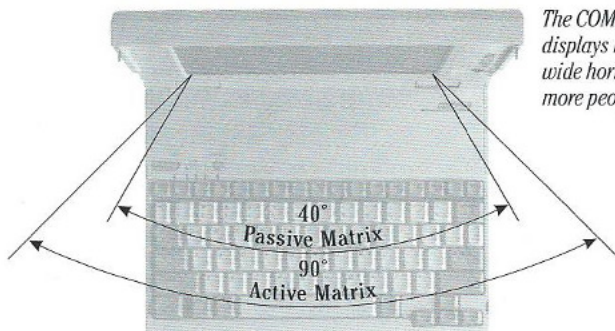
The Ultimate Color Notebook PCs

Colors spring to life in the vibrant, rich color of COMPAQ LTE Lite 4/25C and COMPAQ LTE Lite/25C displays.

The high-contrast ratio afforded by active matrix technology gives you outstanding color depth with an extensive color selection. In VGA (640x480) mode, COMPAQ LTE Lite active matrix color PCs support up to 256 simultaneous colors from a palette of 4,096 on the internal display, or a palette of 256,000 on an external display. In 320 x 200 mode, the palette contains 256,000 colors for both internal and external displays.

Passive Matrix				
O	O	O	O	Power Applied
+	+	+	+	O
+	+	+	+	O
+	+	+	+	O
+	+	+	+	O

Active Matrix				
⬦	⬦	⬦	⬦	⬦
⬦	⬦	⬦	⬦	⬦
⬦	⬦	⬦	⬦	⬦
⬦	⬦	⬦	⬦	⬦
⬦	⬦	⬦	⬦	⬦

+ = LCD element
O = transistor

In active matrix displays, transistors control each individual pixel or dot on the screen. Passive matrix displays use transistors located around the perimeter of the screen to control entire rows and columns of pixels at once.

The COMPAQ LTE Lite active matrix displays feature an exceptionally wide horizontal viewing angle, so more people can admire the view.

The World's First True Black and White VGA Display

For users who want the affordability of a monochrome display, but have been dissatisfied with passive matrix notebooks, the COMPAQ LTE Lite/25E features the COMPAQ UltraView Display, a breakthrough active matrix black and white VGA display. This state-of-the-art product takes all the advantages of active matrix technology and displays them in brilliant black and white.

That's right. Not hazy shades of gray, but crisp, true black and clean-paper white on a 9.5-inch (24.1-cm) screen. The high contrast of the COMPAQ UltraView Display provides greater gray-scale differentiation than passive matrix displays and even less-sophisticated monochrome active matrix implementations. These displays support 16 shades of gray in VGA resolution; 64 shades in 320 x 200 resolution.

If, at some point in the future, you decide to upgrade from active matrix black and white to active matrix color, it's simply a matter of switching out the display. Ask your Authorized COMPAQ Reseller about the COMPAQ LTE Lite Active Matrix Color Display option kit.

Our Famous COMPAQ MaxLight VGA Display

The COMPAQ LTE Lite/25 continues to feature the best passive matrix monochrome display in the industry, the COMPAQ Maxlight VGA Display. What sets the Maxlight VGA Display apart from competitive passive matrix LCDs is a high contrast ratio (14:1) and a unique, high-efficiency lighting system that produces an extremely bright display without sacrificing battery life.

High-Speed Graphics

All these display systems are compatible with VGA, EGA, and CGA modes. In addition, we incorporate special features such as a graphics accelerator (BitBLT engine) and optimized software drivers to speed response in windowing environments. To make it easier to handle large spreadsheets, the notebook PCs support 132-column display on an external monitor.

For presentations, connect an external display to run simultaneously with your internal display. This allows you to interact with your PC display while the audience views the results on the big screen. On an external monitor, active matrix models support 256 colors in VGA resolution and 16 colors in 800 x 600 resolution.

Extensive Storage and RAM Expansion

All COMPAQ LTE Lite PCs come standard with 4 megabytes of enhanced-page system memory, expandable to 20 megabytes. To make sure data is available at a rate that matches the fast processing speed, 486SL-based models use 32-bit system memory. The 386SL-based models use 16-bit system memory. To expand memory in any COMPAQ LTE Lite PC, simply add the appropriate memory card to the memory expansion slot.

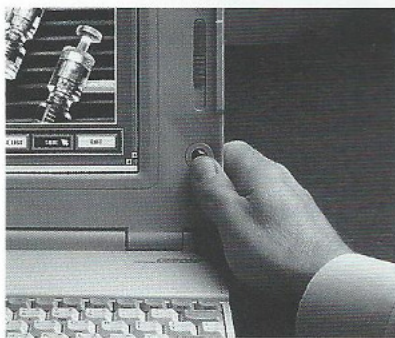*Compaq offers a wide range of memory card options that simply snap into place.*

Hard drive capacity is also extensive—for example, the COMPAQ LTE Lite 4/25C accommodates up to a 209-Megabyte Hard Drive in the notebook PC. Add an optional Desktop Expansion Base that includes a 210-Megabyte Hard Drive option and you can achieve a total of up to 419 megabytes of storage.

The COMPAQ LTE Lite Family brings you full-featured performance with no awkward compromises for size and weight. Everything you dreamed about wanting in a notebook PC is here—486 or 386 performance, a choice of high-performance displays, and a whole host of convenience features—all wrapped up in slim notebook PCs that weigh 6 1/2 pounds (3 kg) or less.

Innovative Built-in Trackball

For the ultimate in convenience and portability, we designed in the EasyPoint trackball. The trackball provides the functionality of a mouse--built into the PC–so it's always ready and you have nothing extra to carry. Ergonomically designed for comfort, this easy-to-use device allows you to point and click with one hand. Back at the office, the EasyPoint trackball is automatically disabled if you connect a mouse or other serial pointing device. The trackball is also easy to remove for cleaning.
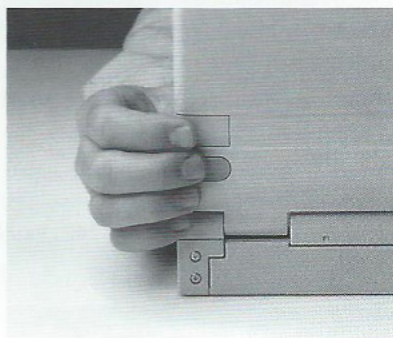

Intelligent Battery Power

COMPAQ LTE Lite notebook PCs come standard with a COMPAQ Nickel Metal Hydride (NiMH) Power Smart Pack that combines long operating time with extensive convenience features.

What makes COMPAQ power "smarter" is an integrated microprocessor that provides an accurate battery gauge. Unlike other gauges, the COMPAQ gauge calculates remaining time based on actual usage and displays the result in hours and minutes. Use a hotkey to display this gauge anytime, without leaving your application.

You can recharge the battery pack in approximately 1 hour when the system is off and connected to the AC Adapter, Automobile Adapter, or Desktop Expansion Base. Or recharge your battery pack in about 1 1/2 hours while you use the system. We recommend discharging your batteries periodically to maintain good performance. Simply use a hotkey to display the power conservation pop ups and select the "Drain" icon.

Of course, you can buy additional Power Smart Packs for quick replacement when the main battery pack runs low. All COMPAQ LTE Lite PCs accept either NiMH or Enhanced Nickel Cadmium (NiCd) Power Smart Packs. An auxiliary battery powers the unit so you can switch battery packs without exiting your application.

Intelligence even extends to how we handle worn-out batteries. Because of our concern for the environment, we've developed a program that allows you to safely recycle used battery packs. Contact any Authorized COMPAQ Reseller for more information on obtaining a postage-paid mailer for returning rechargeable battery packs to a reclamation facility.

Power Conservation Features

A series of unique power-conservation measures makes it easy to ensure that your PC is ready to work when you are. For example, a hotkey gives you instant access to three preset levels of power conservation and one level you can customize using the Power Conservation Utility. Other key features include:

The Power Conservation Utility (PWRCON). A powerful, menu-driven utility puts you in control of power conservation for your system. With PWRCON, you can:

• Create a customized power-management level that best suits your application and operating environment.

• Enable the Hibernation feature and set timeout values.

• Check the battery usage rate based on current settings.

• Specify the size and location of popups.

Hibernation. This unique feature protects both your data and your PC's battery life by saving information to the hard drive and turning the system off. Don't worry about exiting your application: your data is safe. When you turn the system on, you can pick up exactly where you left off. Once Hibernation is enabled, you can use it anytime as a placemarker in an application. Simply press the Fn key and standby button. For the utmost data protection, the system invokes the feature automatically when power is critically low or after a preset time in Standby mode.

System Idle. If you stop to take a telephone call or get a cup of coffee, COMPAQ LTE Lite PCs are smart enough to conserve battery life. After a preset time with no activity, the PC enters System Idle mode, slowing the clock speed and turning off the backlight. Press any key to reactivate the system.

Standby. After a preset time in System Idle or whenever you press the standby button, the system blanks the screen and places other subsystems in low-power mode. Press the standby button again to resume work where you left off. COMPAQ LTE Lite PCs can remain in Standby mode for up to 80 hours (up to 48 hours on the COMPAQ LTE Lite/25).

Advanced Power Management (APM). For extended battery life, 486SL-based models and the COMPAQ LTE Lite/25E meet the APM specification. This specification defines a layered cooperative environment where applications, operating systems, and the system BIOS can all work together to reduce power consumption. APM is implemented in MS-DOS 5.0 and Microsoft Windows 3.1.

Preinstalled Software

We preinstall the following software on the hard drive of COMPAQ LTE Lite PCs (excluding the COMPAQ LTE Lite/25) to save you time and money:
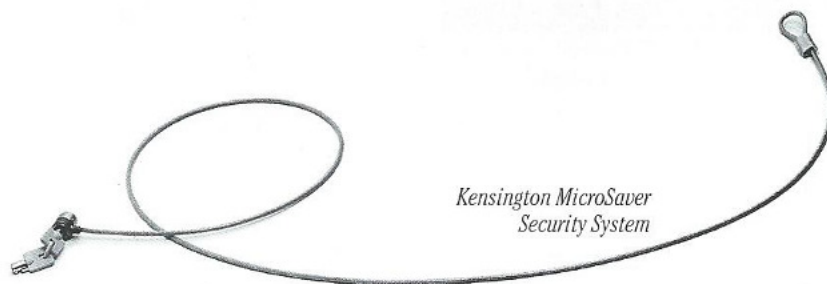
- MS-DOS 5.0
- Microsoft Windows 3.1

- *EZ Help Online Library*, an online reference tool from Compaq that provides powerful search capabilities, hypertext links between documents, and an easy-to-use interface.
- Helpful COMPAQ utilities and drivers to simplify system setup and improve performance.

MultiLock Security Features

Cable Lock Provision	*Allows you to secure your notebook PC with the Kensington MicroSaver Security System, a special cable lock available from resellers worldwide.*
Power-On Password	*Prevents unauthorized access to the system at power-on.*
Keyboard Password	*Allows you to restrict access to the system by disabling the trackball, mouse, and keyboard.*
QuickLock/ QuickBlank	*QuickLock allows you to use a hotkey to disable the keyboard, trackball, or mouse without leaving your application. Blank the screen at the same time, if you like, using QuickBlank.*
SETUP Password	*Uses a password to restrict access to the SETUP Utility.*
Interface Controls	*Allow you to enable or disable the hard drive, diskette drive, parallel interface, and serial interface using the SETUP Utility. To restrict access to this utility, use SETUP password.*
Asset Management Provision	*Lets network managers access the PC to obtain data such as the PC serial number, amount of memory, or amount of storage using third-party software.*
Network Server Mode	*Allows you to boot directly from the hard drive or the network to provide security when the PC is unattended.*

Kensington MicroSaver Security System

Desktop Keyboard Familiarity

You'll feel right at home with this familiar keyboard layout. Cursor keys are exactly where you want them—in an isolated, inverted-T layout. Other features include 12 programmable function keys and separate keys for Home, End, Page-Up, and Page-Down functions. Standard spacing and 101-/102-key compatibility provide a desktop feel as well as compatibility with existing hardware and software. Six hotkey combinations, identified by icons on the front of function keys F3 through F8, put special notebook functions at your fingertips. Simply press the Fn key and the appropriate function key to use these helpful keyboard tools.
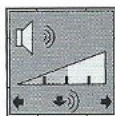
F3 On monochrome and black-and-white models, toggle between reverse and normal video, to view either dark text on a light background or vice-versa.

F4 Use this three-way toggle to view either the internal display, an external display—or both at the same time.

F5 Use the speaker volume popup to adjust the volume of computer-generated sounds.
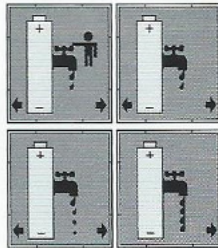
F6 Use QuickLock to disable the keyboard and pointing device without leaving an application, then enable it with a password. QuickBlank allows you to blank the screen at the same time that you invoke QuickLock .

F7 Display the power conservation popup window, then use the arrow keys to choose from four levels of power conservation. Three of the levels are preset; you can customize the fourth.

F8 Display an accurate battery gauge that estimates remaining operating time based on actual power usage.

Desktop Expansion Base

On the road, carry a high-performance notebook PC. In the office, enjoy an expandable desktop PC. You can do both when you add the COMPAQ Desktop Expansion Base option to your COMPAQ LTE Lite PC.

The Desktop Expansion Base includes two full-sized 8-/16-bit industry-standard expansion slots to customize your system and tie into your office network. You'll have room for up to two mass storage devices in the third-height and half-height storage bays, including a hard drive or third-party CD-ROM drive.

Your notebook PC slides neatly into the expansion base to give you instant access to your comprehensive set of desktop interfaces and all of your peripherals. For desktop comfort, you can attach a full-sized keyboard and position a full-sized monitor on top of the expansion base.
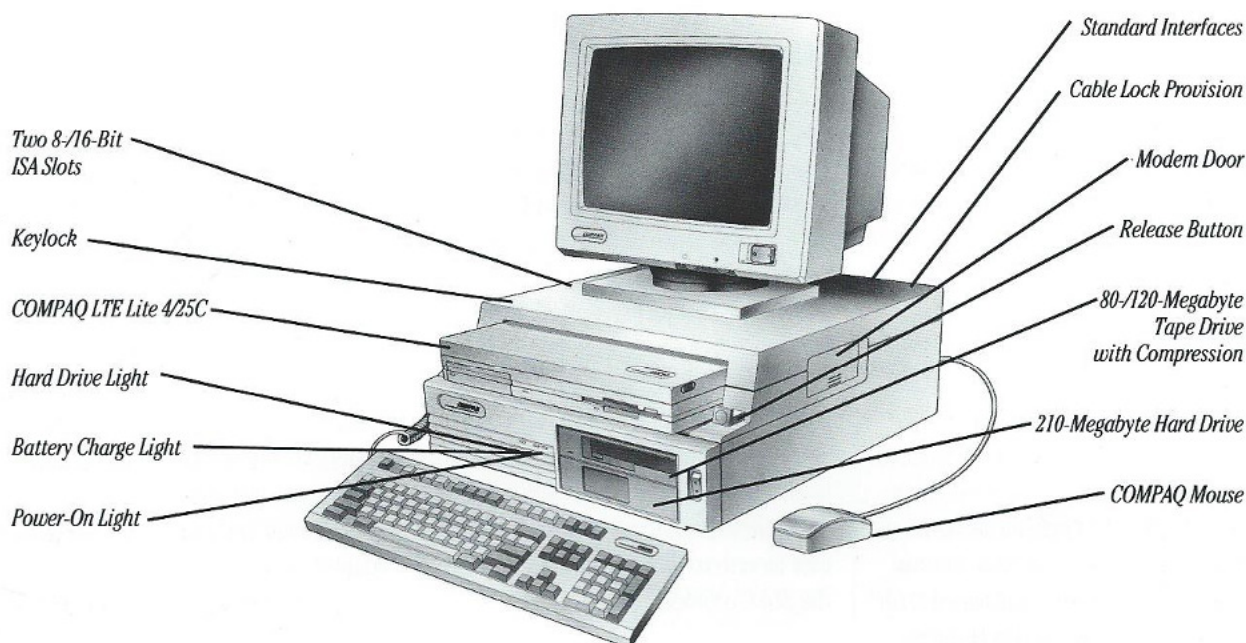
For added security, you can lock your COMPAQ LTE Lite PC into the expansion base with a key. In addition, the Desktop Expansion Base includes a cable lock provision, so you can secure the entire system to your desk.

What's more, the expansion base actually prepares your PC for travel. An integrated AC Adapter fast charges the battery while you work or even with the expansion base turned off. When you're ready to go, simply press the release button and your notebook PC slides out easily without disconnecting peripherals or moving the monitor.

If all you need is one-step connection to peripherals, use the QuickConnect option. This new option from Compaq incorporates a full set of interfaces.

Two 8-/16-Bit ISA Slots

Keylock

COMPAQ LTE Lite 4/25C

Hard Drive Light

Battery Charge Light

Power-On Light

Standard Interfaces

Cable Lock Provision

Modem Door

Release Button

80-/120-Megabyte Tape Drive with Compression

210-Megabyte Hard Drive

COMPAQ Mouse

Desktop Expansion Base Key Features

Two full-sized 8-/16-bit slots	*Allows you to customize your system with industry-standard expansion boards, add peripherals, and tie into your office network.*
Two storage bays—one-third height and one half height—provide room for two of the following mass storage devices: • 3 1/2-Inch 1.44-Megabyte Diskette Drive • 5 1/4-Inch diskette drive (1.2-Megabyte or 360-Kbyte) • Hard drive (supports one 210- or 120-Megabyte) • Tape drive (80-/120- or 60-Megabyte with Compression) • Third-party CD-ROM drive	*Provides full desktop capabilities with the flexibility to configure your system with a wide variety of storage and tape options. For example, you can add a hard drive to expand storage and a tape drive to back up data from your notebook PC. If you want to boot the system from an external drive, you can also install a 5 1/4-inch diskette drive.*
Keylock	*Secures your PC by locking it into the Desktop Expansion Base.*
Cable lock provision	*Allows you to physically secure the Expansion Base to your desk or workstation.*
Separate power supply with integrated AC Adapter	*Provides sufficient power to run all the system components, including the notebook PC, expansion boards, and drive bays--while simultaneously fast charging the battery. Fast charging a drained battery takes about 1 hour.*
Standard interfaces: parallel, serial, pointing device (mouse), external VGA monitor, external Enhanced Keyboard	*Allows you to connect your peripherals to the expansion base rather than the PC, so the system slides out easily when you're ready to leave the office.*
Monitor support cover	*Supports the weight of an external monitor so you can use a large monitor without taking up extra desk space.*

At Compaq, a dedicated in-house engineering team meets the challenge of connecting small, lightweight PCs to the outside world with sophisticated communications products.

COMPAQ SpeedPAQ 144 Modem

Now you can have it all. A combination of data, fax, and cellular features make this latest communications option from Compaq the ultimate productivity tool for mobile computing. Send and receive data at speeds up to 14.4 Kbps, the fastest transmission rate available in an internal modem for portable PCs. Enhanced error control and data compression features boost the transfer rate up to 57.6 Kbits per second! Plus, you can send and receive faxes at up to 9,600 bps.

The COMPAQ SpeedPAQ 144 Modem connects directly to select models of Motorola and Nokia cellular telephones, eliminating the cumbersome interface box that lies between the telephone and the PC on less sophisticated designs. With this completely internal modem, you can send and receive data and faxes over telephone networks across North America and even in several European countries.

The COMPAQ SpeedPAQ 144 Modem supports standard protocols for data and fax transmission to ensure compatibility with the vast installed base of modems, fax machines, and communications software. This new device supports MNP 10, an emerging error-control feature that provides reliable communications in adverse line conditions. We even include Delrina Class 1 fax application software in both MS-DOS and Microsoft Windows versions to get you started.

Hayes-compatibility ensures smooth communication with the wide variety of software and installed base of dial-up modems. By supporting the Hayes Auto–Sync feature, this modem can communicate directly to IBM mainframes through the SDLC protocol.

Enhanced 9600-bps Internal Modem

This option combines a 9,600-bps transfer rate with the optimal set of error control and data compression features. For example, the Enhanced 9600-bps Internal Modem uses error control and data compression to boost the already fast transfer rate up to an outstanding 38.4 Kbits/second.

Internal Data + Fax Modem

Use this cost-effective internal modem to send data at up to 2,400 bps and send and receive faxes at up to 9,600 bps. Like the COMPAQ SpeedPAQ 144 Modem, the Internal Data + Fax Modem is compatible with standard data and fax transmission protocols and comes bundled with Delrina Class 1 fax application software for both MS-DOS and Microsoft Windows.
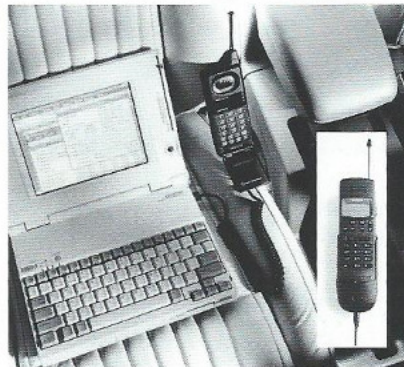
Worldwide Modems

Compaq offers a version of the Enhanced 2400-Baud Modem in 21 countries. The international versions of this modem provide a unique set of international DAA adapters so that travelers can use their modem in many different countries.

Standard on All COMPAQ Modems

These COMPAQ modems support the COMPAQ Enhanced Option Slot to provide fully integrated modem functionality, so you have less items to carry. All use low-power CMOS chips and incorporate a range of features to maximize battery life. For example, after several seconds with no activity, the modem enters "sleep" mode to minimize drain on the battery. An incoming ring or data activity instantly restarts it, even in Standby mode. All except the COMPAQ SpeedPAQ 144 Modem also include two telephone jacks, one each for a data line and telephone, so you can use the modem without disconnecting your telephone.

Serial Interface Board

If your applications call for two serial devices, this board slides into the Enhanced Option Slot to provide an additional internal 9-pin serial interface.
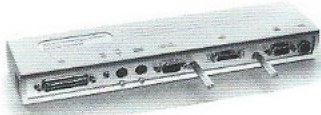
COMPAQ COMMUNICATIONS OPTIONS

FEATURE	COMPAQ SPEEDPAQ 144 MODEM	ENHANCED 9600-BPS INTERNAL MODEM	INTERNAL DATA + FAX MODEM	ENHANCED 2400-BAUD INTERNAL MODEM	INTERNATIONAL ENHANCED 2400-BAUD MODEM
Data Transmission Rates	14,400, 9,600, 4,800, 2,400, 1,200, 300 bps	9,600, 4,800, 2,400, 1,200, 300 bps,	2,400, 1,200, 300 bps	2,400, 1,200, 300 bps	2,400, 1,200, 300 bps
Data Modulation Protocols	V.32bis, V.32, V.23, V.22bis, V.22, V.21, Bell 212A/103	V.32, V.23, V.22bis, V.22, V.21, Bell 212/103	V.22bis, V.22, V.21, Bell 212/103	V.22bis, V.22, V.21, Bell 212/103	V.22bis, V.22, V.21, V.23, V.25, Bell 212A/103
Fax Transmission Rates	9,600 and 7,200 bps send; 4,800, 2,400, and 300 bps send/receive	N/A	9,600 and 7,200 bps send; 4,800, 2,400, and 300 bps send/receive	N/A	N/A
Fax Modulation Protocols	V.29 send; V.27ter and V.21 send/receive	N/A	V.29 send; V.27ter and V.21 send/receive	N/A	N/A
Cellular Support	Yes, with direct connection to select Motorola and Nokia telephones	Yes, with external cellular connection box	Yes, with external cellular connection box	Yes, with external cellular connection box	No
Command Set Support	Hayes AT, Class 1 facsimile extensions, V.25 bis	Hayes AT and V.25bis	Hayes AT and Class 1 facsimile extensions	Hayes AT	Hayes AT, V.25bis
Error Control	MNP 2-4, V.42, MNP 10	MNP 2-4, V.42	MNP 2-4, V.42 from separate software (not included)	MNP 2-4, V.42	MNP 2-4, V.42
Data Compression	MNP 5, V.42bis	MNP 5, V.42bis	MNP 5, V.42bis from separate software (not included)	MNP 5, V.42bis	MNP 5, V.42bis
Mainframe Connectivity	Hayes AutoSync	Hayes AutoSync	N/A	Hayes AutoSync	N/A
Bundled Software	Delrina Class 1 facsimile application software	N/A	Delrina Class 1 facsimile application software	N/A	N/A
Power Management	Low-power CMOS chipsets; low-power and sleep modes	Low-power CMOS chipsets; low-power and sleep modes	Low-power CMOS chipsets; low-power and sleep modes	Low-power CMOS chipsets; low-power and sleep modes	Low-power CMOS chipsets; low-power and sleep modes
Interface Buffer	16c550UART plus additional buffering	16c550UART plus additional buffering	16c450UART emulation	16c550UART	16c450UART emulation
Dimensions (H x D x W)	0.8 x 3.5 x 2.5 in (1.9 x 8.9 x 6.4 cm)	0.8 x 3.5 x 2.5 in (1.9 x 8.9 x 6.4 cm)	0.8 x 3.5 x 2.5 in (1.9 x 8.9 x 6.4 cm)	0.8 x 3.5 x 2.5 in (1.9 x 8.9 x 6.4 cm)	0.8 x 3.5 x 2.5 in (1.9 x 8.9 x 6.4 cm)

New

QuickConnect

This option contains the standard interfaces so you can connect to and disconnect from all your peripherals with ease. Interfaces include: Enhanced Parallel, serial, external VGA monitor, external Enhanced Keyboard, external numeric keypad, AC Adapter, external storage module, mouse.

External Battery Charger

Use this charger with either the AC Adapter or the Automobile Adapter to fully charge two Power Smart Packs in about 2 hours. For maximum flexibility, the battery charger accepts either NiMH or NiCd Power Smart Packs—or one of each at the same time.

Automobile Adapter

Use this option to connect your PC to the cigarette lighter, simultaneously powering the system and fast charging your battery pack. You can also charge up to two Power Smart Packs from your vehicle by using this option with the External Battery Charger.

New

CD-ROM Adapter

Use this adapter to connect your notebook PC to a wide variety of third-party CD-ROM drives.

Briefcase and Carrying Case

Sturdy, but stylish briefcase includes separate compartments for your PC, a portable printer, the AC Adapter and other options, as well as space for miscellaneous briefcase items. The new carrying case is a smaller, lighter version of the briefcase.

AC Adapter

Use the AC Adapter that comes standard with your PC to recharge your battery pack while you work, or in about an hour when the system is not in use. Buy an extra, to keep one at the office and one at home.

External Options Adapter

Use the external keyboard port on this adapter to connect both a mouse and an external keyboard to your PC at the same time. It also includes a connector for the External Storage Module.

Numeric Keypad

Full-sized keys with separate areas for numeric input and cursor movement allow you to enter numbers quickly while preserving full keyboard functionality.

External Storage Module

Support for an external tape or diskette drive allows you to back up your data on an external tape drive or exchange data between different types of media.

FEATURES COMPARISON

FEATURE	COMPAQ LTE Lite 4/25C	COMPAQ LTE Lite/25C	COMPAQ LTE Lite/25E	COMPAQ LTE Lite/25
Microprocessor	25-MHz 486SL with integrated coprocessor	25-MHz 386SL	25-MHz 386SL	25-MHz 386SL
Cache Size	8-Kbyte internal	64-Kbyte external	64-Kbyte external	16-Kbyte external
Display	Active matrix color VGA	Active matrix color VGA	COMPAQ UltraView Display	COMPAQ Maxlight VGA
EasyPoint Trackball	Yes	Yes	Yes	No
Dimensions	2.0 x 8.5 x 11.0 in 5.1 x 21.6 x 27.9 cm	2.0 x 8.5 x 11.0 in 5.1 x 21.6 x 27.9 cm	2.0 x 8.5 x 11.0 in 5.1 x 21.6 x 27.9 cm	1.75 x 8.5 x 11.0 in 4.4 x 21.6 x 27.9 cm
Weight	6.5 lb (2.95 kg)	6.5 lb (2.95 kg)	6.4 lb (2.91 kg)	6.0 lb (2.75 kg)
Battery Life (Typical, in Hours)	2 to 3	2 to 2.5	3 to 4	Up to 4.5
Memory Expansion	32-Bit 16-, 8-, 4-MB Memory Cards	16-Bit 16-, 8-, 4-, 2-MB Memory Cards	16-Bit 16-, 8-, 4-, 2-MB Memory Cards	16-Bit 16-, 8-, 4-, 2-MB Memory Cards
Maximum Drive Capacity	209 MB	120 MB	120 MB	120 MB
Standby	Up to 80 hours	Up to 80 hours	Up to 80 hours	Up to 48 hours
Advanced Power Management (APM)	Yes	No	Yes	No
Extended Text	Yes	No	Yes	No
Diskette Drive Control	Yes	No	Yes	No
SETUP Password	Yes	No	Yes	No
Preinstalled MS-DOS 5.0 and Microsoft Windows 3.1	Yes	Yes	Yes	No
Number of Colors Supported Externally in 640 x 480 Resolution	256	256	256	16
External Support for 800 x 600 Resolution (16 Colors)	Yes	Yes	Yes	No

TECHNICAL SPECIFICATIONS

System Unit

DIMENSIONS (D X W X H)

All except COMPAQ LTE Lite/25	8.5 x 11.0 x 2.0 in 21.6 x 27.9 x 5.1 cm
COMPAQ LTE Lite/25	8.5 x 11.0 x 1.75 in 21.6 x 27.9 x 4.45 cm

WEIGHT

COMPAQ LTE Lite 4/25C	6.5 lb (2.95 kg)
COMPAQ LTE Lite/25C	6.5 lb (2.95 kg)
COMPAQ LTE Lite/25E	6.4 lb (2.91 kg)
COMPAQ LTE Lite/25	6.0 lb (2.75 kg)

NOMINAL OPERATING

Voltage (VDC)	12

AVERAGE POWER (WATTS)

COMPAQ LTE Lite 4/25C	12.7
COMPAQ LTE Lite/25C	14.2
COMPAQ LTE Lite/25E	11.0
COMPAQ LTE Lite/25	10.0

MAXIMUM POWER (WATTS)

COMPAQ LTE Lite 4/25C	25.3
COMPAQ LTE Lite/25C	25.6
COMPAQ LTE Lite/25E	23.3
COMPAQ LTE Lite/25	21.0

PEAK POWER (WATTS)

COMPAQ LTE Lite 4/25C	32.0
COMPAQ LTE Lite/25C	32.3
COMPAQ LTE Lite/25E	29.1
COMPAQ LTE Lite/25	21.0

TEMPERATURE RANGE

Operating	50° to 104° F (10° to 40°C)
Nonoperating	-40° to 140° F (-40° to 60° C)

RELATIVE HUMIDITY (NONCONDENSING)

Operating	10% to 90%
Nonoperating	5% to 95%

MAXIMUM UNPRESSURIZED ALTITUDE

Operating	10,000 ft (3,048 m)
Nonoperating	40,000 ft (12,192 m)

Active Matrix Color VGA Display

Image Area Dimensions (H x W)	5.1 x 6.7 in (12.9 x 17.0 cm)
Diagonal Size	8.4 in (21.3 cm)
Display Type	TFT (Thin Film Transistor)
Mounting	Internal
Pixel Pitch	0.27 mm
Modes Supported	VGA, EGA, CGA
Maximum Resolution	640 x 480
Colors	256 in 640 x 480 (VGA) from a palette of 4,096
Character Display	80/40 x 25

Active Matrix Color Display, *Cont.*

Brightness	Adjustable
Horizontal Frequency	30 KHz
Vertical Frequency	70 Hz

COMPAQ UltraView Display

Image Area Dimensions (H x W)	5.7 x 7.6 in (14.4 x 19.3 cm)
Diagonal Size	9.5 in (24.1 cm)
Display Type	TFT (Thin Film Transistor)
Mounting	Internal
Pixel Pitch	0.27 mm
Modes Supported	VGA, EGA, CGA
Maximum Resolution	640 x 480
Gray Scales	16 in 640 x 480 (VGA) 64 in 320 x 200
Character Display	80/40 x 25
Brightness	Adjustable
Horizontal Frequency	31 KHz
Vertical Frequency	60/70 Hz

COMPAQ Maxlight VGA Display

Image Area Dimensions (H x W)	5.7 x 7.6 in (14.4 x 19.3 cm)
Diagonal Size	9.5 in (24.1 cm)
Display Type	Edgelit Compensated Supertwist LCD
Mounting	Internal
Pixel Pitch	0.27 mm
Modes Supported	VGA, EGA, CGA
Maximum Resolution	640 x 480
Gray Scales	16 in 640 x 480 (VGA) 64 in 320 x 200
Character Display	80/40 x 25
Brightness	Adjustable
Horizontal Frequency	30 KHz
Vertical Frequency	70 Hz

Diskette Drive
3 1/2-Inch 1.44-MB (standard)

Capacity per Diskette (high/low)	1.44 MB/720 KB
Number Supported	One
Rotation (rpm)	300
Transfer Rate (Kbits/sec) (high/low)	500/250
Bytes per Sector	512
Sectors Per Track (high/low)	18/9
Tracks Per Side (high/low)	80/80

Diskette Drives, *Cont.*

ACCESS TIMES

Track-to-Track (ms) (high/low)	3/6
Average (ms) (high/low)	80/60
Settling Time (ms)	15
Latency Average (ms)	100
Cylinders (high/low)	80/80
Read/Write Heads	Two

Hard Drives

209-MB

Capacity per Drive (MB)	209.0
Drive Type	16
Transfer Rate at Interface (Mbits/sec)	6.5
Sector Interleave	1:1

TYPICAL SEEK TIMES (INCLUDING SETTLING)

Track-to-Track (ms)	5
Average (ms)	16

PHYSICAL CONFIGURATION

Cylinders	1,530
Heads	6
Bytes Per Sector	512

LOGICAL CONFIGURATION

Cylinders	404
Heads	6
Bytes Per Sector	512

	120-MB	84-MB
Capacity per Drive (MB)	121.4	84.3
Drive Type	50	27
Transfer Rate at Interface (Mbits/sec)	6.5	6.5
Sector Interleave	1:1	1:1
TYPICAL SEEK TIMES (INCLUDING SETTLING)		
Track-to-Track (ms)	5	5
Average (ms)	16	19
PHYSICAL CONFIGURATION		
Cylinders	1,061	1,097
Heads	6	4
Bytes Per Sector	512	512
LOGICAL CONFIGURATION		
Cylinders	760	832
Heads	8	6
Bytes Per Sector	512	512

TECHNICAL SPECIFICATIONS

Power

NiMH Power Smart Pack

Dimensions (H x D x W)	0.8 x 5.6 x 3.8 in (2.0 x 14.3 x 9.6 cm)
Weight	1.2 lb (0.5 kg)

POWER SUPPLY

Nominal Open Circuit Voltage	12.0 VAC (14.0 fully charged)
Capacity	2.2 Ah
Power	26.4 Watts

TEMPERATURE RANGE

Operating	50° to 104°F (10° to 40°C)
Nonoperating	-4° to 86°F (-20° to 30°C)

Enhanced NiCd Power Smart Pack

Dimensions (H x D x W)	0.8 x 5.6 x 3.8 in. (2.0 x 14.3 x 9.6 cm.)
Weight	1.2 lb. (0.5 kg.)

POWER SUPPLY

Nominal Open Circuit Voltage	12.0 VAC 14.0 (fully charged)
Capacity	1.7 Ah
Power	20.4 Watts

TEMPERATURE RANGE

Operating	50° to 104°F (10° to 40°C)
Nonoperating	-4° to 122°F (-20° to 50°C)

AC Adapter

Dimensions (H x D x W)	1.4 x 5.3 x 3.3 in (3.6 x 13.5 x 8.4 cm)
Weight	0.8 lb (0.3 kg)

POWER SUPPLY

Operating Voltage	100-120/220-240 VAC
Operating Current	0.8/0.4 amps
Frequency	50-60 Hz
Maximum Output Voltage	18.0 Volts
Maximum Output Current	2.5 amps
Maximum Output Power	35 Watts

TEMPERATURE RANGE

Operating	50° to 104°F (10° to 40°C)
Nonoperating	-4° to 140°F (-20° to 60°C)

Convenience Options

Desktop Expansion Base

Dimensions (H x D x W)	6.1 x 16.0 x 13.5 in. (15.5 x 40.6 x 34.3 cm.)
Weight	19.3 lb. (8.8 kg.)

POWER SUPPLY

Operating Voltage	100-120/220-240 VAC
Steady-State Power	125 Watts
Operating Current	3/1.5 amps
Frequency	50 - 60 Hz

TEMPERATURE RANGE

Operating	50° to 104° F (10° to 40°C)
Nonoperating	-22° to 140°F (-30° to 60°C)

QuickConnect

Dimensions (H x D x W)	1.18 x 2.5 x 11.0 in (3.0 x 6.35 x 28.0 cm)
Weight	1.0 lb (0.45 kg)

TEMPERATURE RANGE

Operating	50° to 104° F (10° to 40°C)
Nonoperating	-22° to 140°F (-30° to 60°C)

CD-ROM Adapter

Dimensions (W x D x H)	2.63 x 4.5 x 1.0 in 6.7 x 11.4 x 2.5 cm

TEMPERATURE RANGE

Operating	50° to 104° F (10° to 40°C)
Nonoperating	-4° to 140°F (-20° to 60°C)

RELATIVE HUMIDITY (NONCONDENSING)

Operating	10% to 90%
Nonoperating	5% to 95%
Internal Hardware Interrupt Setting	IRQ 9
Direct Memory Access (DMA) Channel	DMA 3
I/O Address	3E0h-3EFh
Supported Drives	NEC CDR-35, NEC CDR-72, Toshiba TXM-3201, Philips CM231, Hitachi CDR-1650S, SCSI-2 (Sony CDU-6211)

Convenience Options, *Cont.*

External Storage Module

Dimensions (H x D x W)	2.3 x 12.0 x 6.5 in (5.8 x 30.5 x 16.5 cm)

WEIGHT

Without Storage Device	2.6 lb. (1.2 kg)
With Storage Device	4.5 lb. (2.0 kg)

POWER SUPPLY

Operating Voltage	120/200-240 VAC
Steady-State Power	8 Watts
Peak Power	27 Watts
Operating Current	300 mA
Frequency	47-63Hz
Interface	28-pin
Devices Supported	One of the following: 5 1/4-Inch 1.2-Megabyte Diskette Drive, 80-/120-Megabyte Tape Drive with Compression, 60-Megabyte Tape Drive with Compression

Automobile Adapter

Dimensions (H x D x W)	1.5 x 3.9 x 1.5 in. (3.8 x 9.9 x 3.8 cm.)
Weight	.55 lb. (.25 kg.)

POWER SUPPLY

Operating Voltage	10.0 to 18.0 VDC
Operating Current	4.0 amps
Maximum Output Voltage	18.5 volts
Maximum Output Current	2.5 amps
Maximum Output Power	35.0 Watts

TEMPERATURE RANGE

Operating	41° to 104° F (5° to 40°C)
Nonoperating	-40° to 194°F (-40° to 90°C)

STANDARD MODELS AND OPTIONS

Standard Models

Model 209
(COMPAQ LTE Lite 4/25C only)
209-Megabyte Hard Drive (16-ms average seek time)
3 1/2-Inch 1.44-Megabyte Diskette Drive
4 Megabytes of system memory, expandable to 20

Model 120
120-Megabyte Hard Drive (16-ms average seek time)
3 1/2-Inch 1.44-Megabyte Diskette Drive
4 Megabytes of system memory, expandable to 20

Model 84
84-Megabyte Hard Drive (19-ms average seek time)
3 1/2-Inch 1.44-Megabyte Diskette Drive
4 Megabytes of system memory, expandable to 20

Standard Configurations

COMPAQ LTE Lite 4/25C

25-MHz 486SL microprocessor with 8-Kbyte internal cache and integrated coprocessor
Active matrix color VGA display
- 8.4-inch (21.3-cm) diagonal size
- Supports 256 colors out of a palette of 4,096 in 640 x 480 (VGA) resolution

Battery life of 2 to 3 hours

COMPAQ LTE Lite/25C

25-MHz 386SL microprocessor with integrated cache controller
- 64-Kbyte four-way set-associative cache
- Socket for a 387SL coprocessor

Active matrix color VGA display
- 8.4-inch (21.3-cm) diagonal size
- Supports 256 colors out of a palette of 4,096 in 640 x 480 (VGA) resolution

Battery life of 2 to 2 1/2 hours

COMPAQ LTE Lite/25E

25-MHz 386SL microprocessor with integrated cache controller
- 64-Kbyte four-way set-associative cache
- Socket for a 387SL coprocessor

COMPAQ UltraView Display
- 9.5-inch (24.1-cm) diagonal size
- 16 gray shades in 640 x 480 resolution
- 64 gray shades in 320 x 200 resolution
- COMPAQ Active Matrix Color Display Option Kit (optional)

Battery life of 3 to 4 hours

Standard Configurations, *Cont.*

COMPAQ LTE Lite/25

25-MHz 386SL microprocessor with integrated cache controller
- 16-Kbyte four-way set-associative cache
- Socket for a 387SL coprocessor

COMPAQ Maxlight VGA Display
- 9.5-inch (24.1-cm) diagonal size
- 16 gray shades in 640 x 480 resolution
- 64 gray shades in 320 x 200 resolution

Battery life of up to 4 1/2 hours

Standard Features

Display	Supports simultaneous display of internal and external display. Extended text (excluding COMPAQ LTE Lite/25 and COMPAQ LTE Lite/25C)
Power	NiMH Power Smart Packs. Accurate battery gauge. Auxiliary battery. AC Adapter
Pointing Device	EasyPoint trackball ergonomically designed to point and click with one hand (excluding COMPAQ LTE Lite/25)
Keyboard	101-/102-key compatible keyboard with cursor-control keys in an isolated, inverted-T layout and special feature hotkeys
Power Conservation	Hibernation feature. Up to 80-Hour standby (up to 48 hours on COMPAQ LTE Lite/25). Accessible popups with three preset levels and one custom level of power conservation. APM (486SL-based models and COMPAQ LTE Lite/25E)
MultiLock Security Features	Cable lock provision. Power-on password. Keyboard password. QuickLock/QuickBlank. Hard drive, diskette drive, parallel interface, and serial interface controls (486SL-based models and COMPAQ LTE Lite/25E). SETUP password (486SL-based models and COMPAQ LTE Lite/25E). Asset management provision. Network server mode
Interfaces	Enhanced Parallel, serial, external keyboard/pointing device (mouse), VGA monitor, external options, external numeric keypad, AC Adapter

Standard Features, *Cont.*

Preinstalled Software	MS-DOS 5.0, Microsoft Windows 3.1, *EZ Help Online Library*, COMPAQ User Programs and utilities (excluding COMPAQ LTE Lite/25)
Warranty	One-year on-site Limited Warranty*

Options

Coprocessor/ Memory	387SL Coprocessor. 16-, 8-, 4-, and 2-Megabyte Memory Cards (COMPAQ 386SL-based models). 16-, 8-, and 4-Megabyte Memory Cards (COMPAQ 486SL-based models)
Desktop Expansion Base	Two drive bays, two full-sized slots, standard interfaces, integrated AC Adapter, and comprehensive security features
QuickConnect	Interfaces include: Enhanced Parallel, serial, external VGA monitor, external Enhanced Keyboard, external numeric keypad, AC Adapter, external storage module, mouse
Communications	COMPAQ SpeedPAQ 144 Modem. Enhanced 9600-bps Internal Modem. Internal Data + Fax Modem. International Enhanced 2400-Baud Modem. Enhanced 2400-Baud Internal Modem. Serial Interface Board
Convenience Options	External Battery Charger, AC Adapter, NiMH Power Smart Pack, Enhanced NiCd Power Smart Pack, Automobile Adapter, Briefcase, Carrying Case, External Storage Module, External Numeric Keypad, Enhanced Keyboard
Other Storage	External Options Adapter. CD-ROM Adapter. 120-Megabyte Hard Drive
Graphics	Video Graphics Color Monitor. COMPAQ VGA Color Monitor. COMPAQ SVGA Color Monitor. Video Graphics Monochrome Monitor. QVision 170 Color Monitor. QVision 150 Color Monitor. QVision 1024/I Controller (For use in expansion base)