

QUICKSPECS

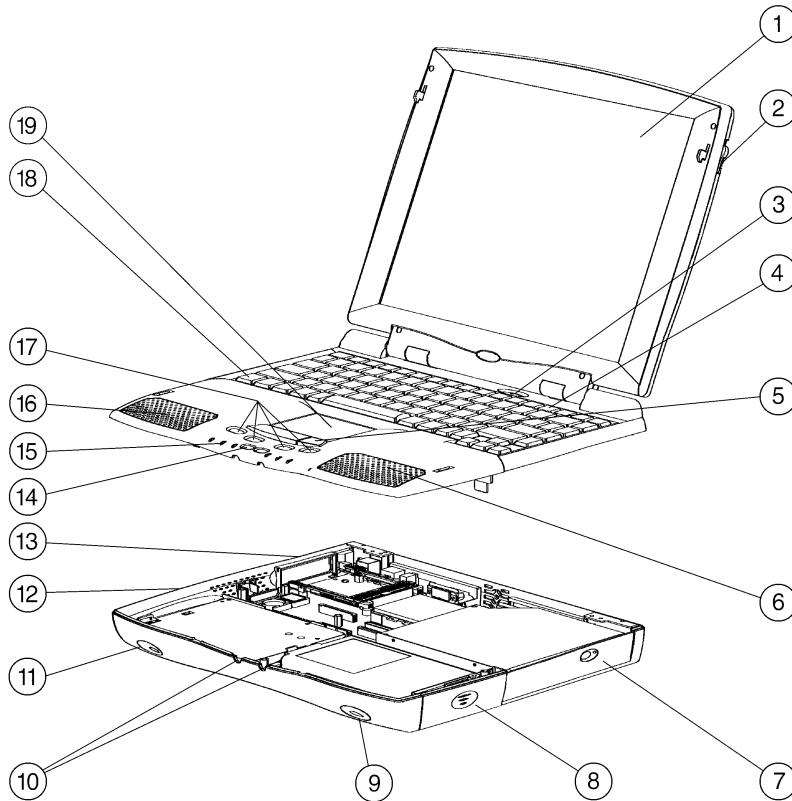
Overview

AT A GLANCE

- Flexible solutions configured to your specifications are available directly from Compaq or through an Authorized Reseller, or Agent.
- Immediate out-of-box productivity with pre-installed software, like Microsoft Office 2000 Small Business, and access to convenient Compaq Online Services
- Innovative design with everything built-in for growing businesses on the go
- Choice of base configurations: with AMD-K6[®]-2 475/95 MHz Processor with a panel size of 14.1", or AMD-K6[®]-2 433/96 Processor with a panel size of 14.1"
- 1-MB L2 Pipeline Burst Cache
- 64 MB standard SDRAM upgradeable to 192 MB
- High-capacity Li-Ion Battery life of up to 2.5 hours¹
- ATI 3D Rage LT Pro™ Graphics with 8 MB Video RAM
- 2X AGP Graphics
- Compaq *Premiere Sound™* Speakers
- PCI Audio
- Touchpad features enhanced scrolling and programmable features
- Internet Access button gives instant Internet access.
- Outlook and Calendar buttons provide easy access to necessary business information.
- Compaq Services, including a one-year, Worldwide Limited Warranty² with a free, one year, second business day³ pick-up and delivery service

CONFIGURABLE COMPONENTS

- Choice of 4-, 6-, or 10-GB⁴ upgradable hard drives
- Optical Drive Bay supports either a 24X Max⁵ CD-ROM or 4X DVD-ROM⁶ drive.
- Integrated V.90⁷ data/14.4 Kb/s fax modem
- Other components available



1. Display
2. Open/Close Latch
3. Power Button
4. Function Keys
5. Touch Pad Buttons
6. Right Speaker
7. CD/DVD Drive (DVD available on select models)
8. Smart Battery
9. Right Speaker Port
10. Headphone/Speaker Out and Microphone
11. Left Speaker Port
12. Floppy Disk Drive
13. PC Card Slot
14. Volume ±
15. Status Lights
16. Left Speaker
17. Internet, Outlook, Calculator Buttons
18. Fn Key
19. Touch Pad

QUICKSPECS

Standard Features

MODELS

Prosignia Notebook 150

A2475/14/V/M/2
 AMD K6-2 475/95
 64-MB SDRAM
 14.1-inch CTFT
 Modem,
 4X DVD-ROM⁶
 154953-001

A2433/14/D/M/2
 AMD K6-2 433/96
 64-MB SDRAM
 14.1-inch CTFT
 Modem,
 24X Max⁵ CD-ROM
 154230-001

Flexible Solutions Configure to Order

Order the Prosignia Notebook the way the customer wants it by selecting the processor, hard drive, memory, and more. Purchase directly from Compaq or a Compaq Authorized Agent. Configurable components and Options change frequently. Check Q-View or www.compaq.com for the latest options available from Compaq.

Processors

AMD K6-2 475/95 MHz Processor
 A2475/14/V/M/2

AMD K6-2 433/96 MHz Processor
 A2433/14/D/M/2

Cache Memory

1-MB L2 Pipeline Cache

Memory

Standard	64
Maximum	192

Communications

56K ITU V.90⁷ PCI Modem

Keyboard

101-key compatible 88-key keyboard with isolated, inverted-T cursor control keys, and right-control key, four pre-configured keys (for Internet access, Outlook access, calculator and a user programmable key); special feature hotkeys for instant access, speaker volume control and brightness

Pointing Device

Touchpad pointing device for intuitive use; enhanced scrolling and programmable features

PC Card Slots

One Type II/One Type III PC Card Slot(s) which support both 32-bit CardBus⁸

Storage

Diskette Drives	1.44 MB
CD-ROM	24 Max ⁵ , or 4X DVD-ROM ⁶
Hard Drives	4-, 6-, or 10-GB ⁴

Interfaces

PC Card	One Type II/One Type III
Enhanced Parallel	1
Serial	1
External Monitor	1
External Keyboard/ Pointing Device	1
Headphone/Line-out	1
Microphone in	1
RJ-11	1
USB	1
Port Replicator Connector	1

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Standard Features

Multimedia

Audio CD Player
Video player (AVI, MPEG and others)

Audio

Compaq Premier[®] Sound Speakers
Aureal A3D™ Interactive 360 Positional Sound

Graphics

2X AGP graphics for enhanced video and 3D Performance
ATI 3D Rage LT Pro hardware accelerated 3D graphics with 8 MB video memory
MPEG full-motion video playback
24-bit color provides up to 16M brilliant colors, making multimedia applications come to life.

Display

14.1-inch color TFT with 1024 x 768 resolution (up to 64K colors internal)

Software

Choice of Microsoft Office 2000 Small Business or
Microsoft Office 2000 Professional or
Microsoft Word 2000
Microsoft Internet Explorer 5.0
Norton AntiVirus Ver 5.0
Compaq Online Services
CompuServe and AOL
Microsoft NetMeeting
Microsoft PC Card Manager

OS Support

Windows 98 Second Edition

Compaq Online Services

A full suite of Internet-powered solutions that provide reliable Internet access, online office management tools, and e-commerce capabilities – all designed to lower technology and staffing costs, and increase productivity for growing businesses

Access the Internet
Briefcase
Backup
Courier
Delivery
Postage
All-in-One eBusiness Center
Message Center Lite
Message Center
RingMeNow
Small Business Resource Center
Online Training

Security

Support for power-on password; reinforced security slot that supports third-party lock devices

Battery

High-capacity Li-Ion battery is lightweight, with exceptional battery life. Smart battery technology provides accurate, instantaneous battery status.

Power Conservation

Hibernation and Sleep modes

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Standard Features

Compatibility

Plug and Play

Ethernet Network

Year 2000 (Y2K) Hardware Compliant⁹ – This product was developed for compliance with the Compaq Year 2000 Readiness Program.

Service and Support

Compaq Services provides a range of services, including a One-year, Limited Worldwide Warranty², with 7 x 24 toll-free service line at 1-877-456-7878 and a free, one-year second business day³ pick-up and delivery service from Compaq. All shipping and handling materials are supplied by Compaq.

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Configurable Components

Flexible Solutions Configure to Order

Configurable components are available directly from Compaq or through a Compaq Agent and are for first time configurations only.

Base Unit *(Choose one of the following)*

A2475/14/N/M/2

A2433/14/D/M/2

Primary Hard Drives *(Choose one of the following)*

10-GB⁴ Hard Drive

6-GB⁴ Hard Drive

4-GB⁴ Hard Drive

Memory *(Optional Memory upgrade)*

128-MB SDRAM

64-MB SDRAM

32-MB SDRAM

Software *(Choose one of the following Office Suites)*

Microsoft Office 2000 Professional

Microsoft Office 2000 Small Business

Microsoft Word 2000

Software *(Optional)*

Norton Utilities for Windows 98

Symantec Act

Symantec WinFax PRO

Symantec Mobil Essentials

Carbon Copy (complete version)

PcAnywhere 32

Intuit Quicken Deluxe 98

Microsoft Project 98 Upgrade

Corel WordPerfect Suite 8 Professional Upgrade

CorelDRAW 8 Upgrade

Netscape Communicator Internet Access Edition

Netscape Communicator Deluxe Edition

Netscape Publishing Suite

Lotus 1-2-3 97 Upgrade

Lotus SmartSuite 97 Upgrade

Microsoft Front Page 98 Upgrade

Intuit Quick Books 5.0

Adobe Pagemaker 6.5

Adobe Photoshop 5.0

Adobe Illustrator 7.0

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Options

Enhancements

Enhancements are available through Compaq Authorized Resellers for first time configurations or upgrades, or directly from Compaq or a Compaq Agent for upgrades.

Memory

128-MB SDRAM	125623-B21
64-MB SDRAM	125621-B21
32-MB SDRAM	125620-B21

Monitors

TFT8000 Flat Panel	307906-001
TFT5000 Flat Panel	325700-001
P1610 Color	305708-001
P110 Color	284956-001
P75 Color	307806-001
V1000 Color	351757-001
V900 Color	303500-001
V75 Color (carbon)	307710-002
V500 Color	325900-001
S900 Color	360562-001
S700 Color	360512-001

Communications

Wireless LAN 2 Mb/s	134711-001
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Port Replicator

Port Replicator	127661-004
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Power

Second Li-Ion Battery	127665-B21
External Battery Charger	135356-004
Xtend HyperCharger	401586-001
AC Adapter	135356-004
Auto/Aircraft Adapter	167895-001
Second Li-Ion Battery	127665-B21
External Battery Charger	135356-004
Xtend HyperCharger	401586-001
AC Adapter	135356-004
Auto/Aircraft Adapter	167895-001

Input Devices

External Enhanced III Keyboard (carbon)	118003-008
Compaq Mouse (carbon)	103180-B21
Compaq Mouse (carbon)	103180-B21
Compaq/Microsoft Intellimouse	294306-B21

Carrying Cases

Compaq Value Case	294266-B21
Compaq Workstation Case	294267-B21
Compaq Global Case	294268-B21
Compaq Executive Case	294269-B21
Compaq Professional N Case	401366-B21
Compaq Professional L Case	401367-B21

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Memory

Prosignia Notebook 150

STANDARD MEMORY

64 MB on System Board

System Bd	Slot
64 MB	1 Empty

STANDARD MEMORY PLUS OPTIONAL MEMORY

Support for up to 192 MB of memory is available with 64 MB on the System Board and the installation of optional Memory Upgrades.

Up To	Slot
192 MB	1 128 MB
128 MB	64 MB
96 MB	32 MB

Following are memory options available from Compaq:

- 128-MB Memory Upgrade
- 64-MB Memory Upgrade
- 32-MB Memory Upgrade

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Storage

COMPAQ PROSIGNIA NOTEBOOK 150 DRIVE SUPPORT

	Quantity Supported	Drive Bay Supported
Removable Media		
1.44-MB Diskette Drive	Up to 1	Diskette Drive Bay
24X Max ⁵ CD-ROM Drive	Up to 1	Optical Drive Bay
4X DVD-ROM ⁶		
Hard Drives		
10-GB ⁴ Hard Drive	Up to 1	Dedicated hard drive bay
6-GB ⁴ Hard Drive		
4-GB ⁴ Hard Drive		

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Technical Specifications

System Unit

Dimensions (HxWxD)	1.97 x 12.32 x 10.12 in/5 x 31.3 x 25.7 cm
Weight	7.99 lbs/3.63 kg (Weight varies depending on configuration)
Stand-Alone Power Requirements	
Nominal Operating Voltage (Li-Ion)	14.8 VDC
Maximum Operating Power	56.5W
Peak Operating Power	58.5W
Temperature	
Operating	41° to 95° F/ 5° to 35° C
Non-operating	-4° to 140° F/ -20° to 60° C
Relative Humidity (non-condensing)	
Operating	10% to 90%
Non-operating	5% to 95%
Shock	
Operating	10 G, 11 ms, half sine
Non-operating	240 G, 2 ms, half sine
Vibration	
Operating	0.55 G, 0.25 Oct / Minimum sweep rate
Non-operating	1.5 G, 0.5 Oct / Minimum sweep rate
Maximum Altitude (unpressurized)	
Operating	10,000 ft / 3,048 m
Non-operating	30,000 ft / 9,144 m

14.1-Inch Color TFT 1024 x 768 Display

Dimensions (HxW)	8.43 x 11.2 in/21.42 x 28.56 cm
Diagonal Size	14.1 in/35.8 cm
Mounting	Internal
Number of Colors	64K
Contrast Ratio	Typical 150:1
Brightness	Over 120 cd/m ³
Pixel Resolution	
Pitch	0.279 x 0.279 mm
Format	1024 x 768
Configuration	RGB Stripe
Backlight	Edge Lit
Character Display	80 x 25
Total Power Consumption (maximum)	6.66W

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Technical Specifications

Hard Drives¹⁰

10 GB ⁴	Capacity	10 GB	Physical Configuration		
	Type	65	Cylinders	11,968	
	Transfer Rate		Heads	6	
	Media	69 to 118 MB/s	Sectors per track	190 to 330	
	Interface	16.6 MB/s	Bytes per sector	512	
	Sector Interleave	1:1	Logical Configuration		
	Seek Time		Cylinders	16,383	
	Track-to-track	4 ms	Sectors per Track	63	
	Average	12 ms (read)	Bytes per sector	512	
	Maximum	23 ms	Buffer Size	420 KB	
	Rotational Speed	4200 rpm			
	<hr/>				
	6 GB ⁴	Capacity	6 GB	Physical Configuration	
Type		65	Cylinders	8,647	
Transfer Rate			Heads	6	
Media		60.8 to 107.2 MB/s	Sectors per track	240 to 250	
Interface		33.3 MB/s	Bytes per sector	512	
Sector Interleave		1:1	Logical Configuration		
Seek Time			Cylinders	13,424	
(typical reads, including settling)			Heads	15	
Track-to-track		2.5 ms	Sectors per Track	63	
Average		13 ms (read)	Bytes per sector	512	
Maximum		23 ms	Buffer Size	512 KB	
Rotational Speed		4200 rpm			
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4 GB ⁴	Capacity	4.3 GB	Physical Configuration		
	Type	65	Cylinders	8,647	
	Transfer Rate		Heads	6	
	Media	60.8 to 107.2 MB/s	Sectors per track	240 to 250	
	Interface	33.3 MB/s	Bytes per sector	512	
	Sector Interleave	1:1	Logical Configuration		
	Seek Time		Cylinders	7,944	
	(typical reads, including settling)		Heads	15	
	Track-to-track	2.5 ms	Sectors per Track	63	
	Average	13 ms (read)	Bytes per sector	512	
	Maximum	23 ms	Buffer Size	512 KB	
	Rotational Speed	4200 rpm			

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Technical Specifications

Diskette Drive

Diskette Size	3.5 in
Light	None
Height	0.5 in/1.27 cm
Bytes/Sector	512
Sectors/track	
High density	18 (1.44 MB)/15 (1.2 MB)
Low density	9
Tracks/side	
High density	80 (1.44 MB)/80 (1.2 MB)
Low density	80
Read/Write heads	2
Access Times	
Track-to track (high/low)	3 ms/6 ms
Average (high/low)	94 ms/174 ms
Settling time	15 ms
Latency average	100 ms

AC Adapter

Weight	0.7 lb/ 0.32 kg
Power Supply (Input)	
Operating Voltage	90 to 264 VAC RMS
Operating Current	1.5 A RMS
Operating Frequency Range	47 to 63 Hz AC
Maximum Transient	4 KV

Li-Ion Battery Pack

Dimensions (HxWxL)	0.81 x 3.05 x 5.69 in/2.05 x 7.75 x 14.45 cm
Weight	0.85 lb/0.39 kg
Energy	
Voltage	14.8V
Amp-hour capacity	3 Ah
Watt-hour capacity	44.4Wh
Temperature	
Operating	32° to 113 ° F/ 0° to 45° C
Non-operating	-4° to 140 °F/-20° to 60° C

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Technical Specifications

24X Max⁵ CD-ROM Drive

Applicable Disk	CD-DA CD-ROM CD-R CD-ROM XA (except ADPCM) CD-I Photo CD (Multi-session) Video CD CD-Extra (CD+) CD-G CD-RW
Center Hole Diameter	15 mm
Disk Diameter	12 cm, 8 cm
Disk Thickness	1.2 mm
Track Pitch	1.6 μ m
Access Times (typical, including settling)	110 ms
Audio Output Level	
Line-out	\pm 0.27 Vrms
Headphone	None
Cache Buffer	128 KB
Data Transfer Rate (typical, including settling)	
Maximum (24X)	3600 KB/s
Minimum (1X)	150 KB/s
Normal PIO Mode 4 (single burst)	16.66 MB/s
Start-up Time	< 8 seconds
Stop Time	< 4 seconds

4X DVD-ROM⁶ Drive

Applicable Disk	DVD-ROM, CD-ROM, CD-XA, CD-I, Photo CD, Multi-session, Audio, CD-R, CD-RW
Center Hole Diameter	0.6 in/15 mm
Disk Diameter	
Disk Thickness	4.7 in, 3.15 in/12 cm, 8 cm
Track Pitch	1.6 μ m (CD) 0.74 μ m (DVD)
Laser	
Beam Divergence	0.05 in/1.2 mm
Access Times (typical, including settling)	< 100 ms (CD) < 150 ms (DVD)
Audio Output Level	
Line-out	1 volts RMS
Headphone	0 to 0.6 volts RMS
Cache Buffer	512 Kb/s
Data Transfer Rate (typical, including settling)	12,000 to 3,000 KB/s (CD) 2,705 KB/s (DVD)
Start-up Time	< 5 seconds
Stop Time	< 3 seconds

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Technical Specifications

Compaq 56K ITU v.90⁷
data/14.4 Kb/s Fax modem

Compliance	ITU v.90 ⁷ standard Full ITU-T V.34 compliance Full compliance with V.21, V.22, V.22bis, V.23, V.32, V.32bis, Bell 103, Bell 212A
Data Compression	V.42bis/MNP 5
Fax Modulation	V.17 V.21 (Group III Compatible) V.29 V.27Ter
Command Set	Hayes AT Class 1 Fax
Cable	6-ft. RJ-11 telephone cable

¹ Actual results may vary with individual usage. When tested in standard configuration, using the Ziff-Davis BatteryMark Test version 2.0, the battery life of Prosignia Notebook family will be up to 2.5 hours.

² Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

³ Pick-up and delivery service is available in 48 contiguous U.S. States and Canada. Eligibility for priority pick-up (second business day return) is limited to certain geographic locations. Carry-in service available outside the U.S. and Canada.

⁴ For Hard Drives, GB = Billion Bytes.

⁵ Data transfer rates vary from 150 KB/s to 3600 KB/s.

⁶ Data transfer rates vary from 150 KB/s to 2,705 KB/s.

⁷ Designed only to allow faster downloads from 56 V.90 and/or K56flex compliant sources. Maximum achievable download transmission rates currently do not reach 56 KB/s, and will vary with line conditions. Modem only supports Windows 9.x and Windows NT 4.0.

⁸ Full support in Windows 9.x.

⁹ Systems tested using NSTL YMARK2000 hardware test. Non-compliant third-party software/hardware products may affect rollover results. For more details, see: <http://www.compaq.com/year2000>.

¹⁰ Hard drive specifications may vary slightly depending on vendor.