

hp
omnibook 510
notebook PC

HP's new Omnibook 510 combines full PC functionality and maximum portability in a sleek new package. But this notebook PC doesn't trade off sensibility for sophistication: its magnesium casing makes it highly durable, its rubberised surfaces prevent slips, and its cushioned palm rest ensures your computing comfort.



stay connected . . . anytime, anywhere

- stay on top of your business on or off the road, with the Mobile Intel® Pentium® III Processor-M, swappable lithium-ion battery (up to 3-hour run time), and 12.1-inch XGA TFT display with dual-display capability
- stay in touch, with integrated 802.11b wireless LAN technology (some models), integrated LAN (all models) and modem (most models), infrared port, and compatibility with HP wireless accessories, including Bluetooth

easy to do business . . . anytime, anywhere

- get big power in a small package: models available at under 1.7 kg (3.65 pounds) and 2.5 cm (one inch) thin
- choose among a full range of storage and multimedia accessories: expansion base (standard with most models; optional with others) supports optional CD-ROM, CD-RW, DVD, LS-240, combo DVD-ROM/CD-RW, and Zip drives; optional second or third battery; and second or third hard disk drive
- simplify your computing experience, with two quick-launch "hot keys" preprogrammed for automatic presentation setup and connection to the HP Information Centre — or reprogramme the keys to automatically launch your favourite applications

maximum
portability,
functionality,
and style

reliable mobility

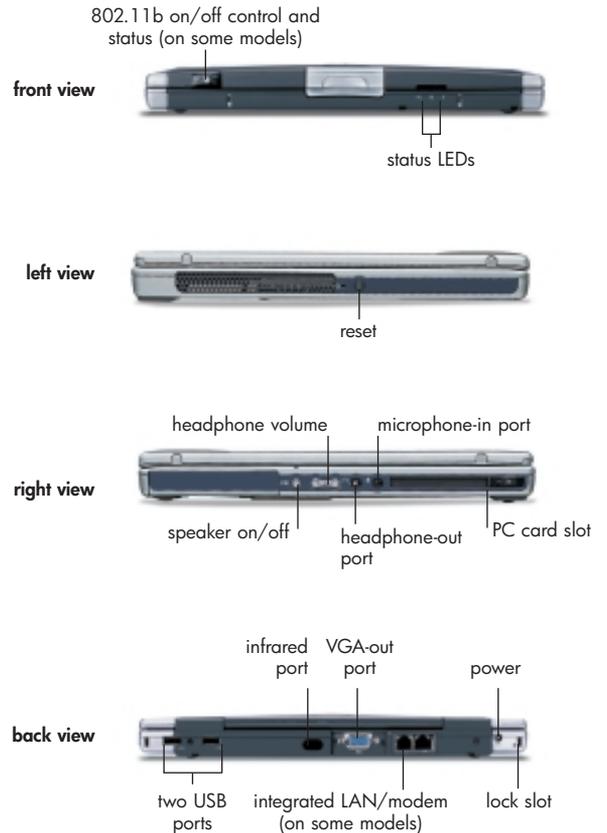
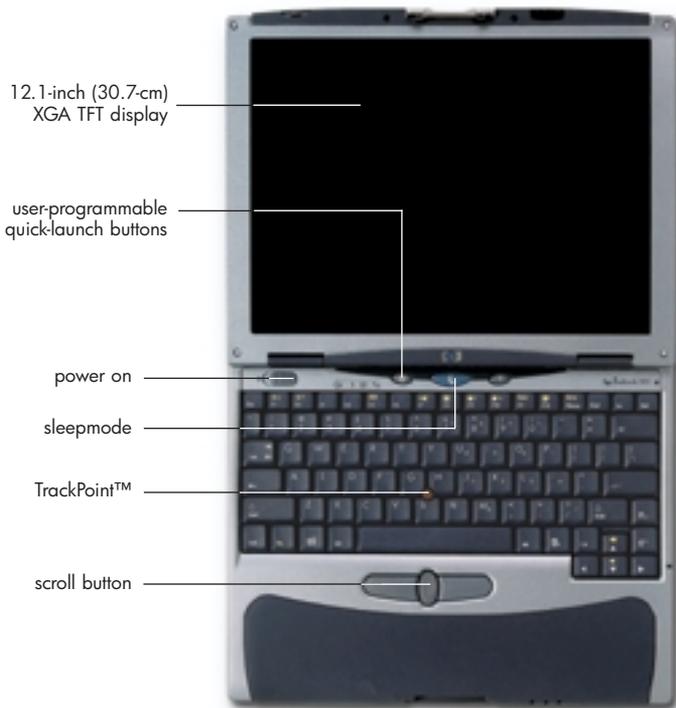
Like all HP Omnibook notebook PCs, the HP Omnibook 510 delivers:

- **reliability** — We design HP Omnibooks to withstand the rigours of the road and to work flawlessly in the office. Then we subject them to rigorous testing and the toughest quality standards before we deliver them to you.
- **manageability** — We preinstall HP Tootools and HP e-Diagtools on every HP Omnibook, allowing you to manage and troubleshoot virtually every aspect of your notebook PCs from a remote, central console.
- **security** — To protect your investments in both hardware and data, HP Omnibook notebook PCs offer multiple security features designed to prevent theft and tampering.
- **functional, flexible, stable designs** — Some models include everything typical business users need; others give you the flexibility to choose among a long list of accessories — many of which work across the family — to meet individual user needs. To standardise your environment and reduce procurement and deployment costs, HP is committed to long product lifecycles and stable software images.
- **anytime, anywhere support** — HP's complete lifecycle services can help you deploy, manage, and support your HP Omnibooks. If you ever have a problem, depend on HP to help you detect and resolve it without needing to leave your desk.



invent

hp omnibook 510 notebook PC



at a glance

new technology highlights

- 1.13-GHz, 1.0-GHz, or 933-MHz Mobile Intel Pentium III Processor-M, featuring Intel SpeedStep™ technology¹
- 256 or 128 MB of 133-MHz SDRAM standard (PC133)
- Maximum system memory 1024 MB (1 GB)
- Industry-standard 30-, 20-, or 10-GB enhanced-IDE hard disk drive²
- Expansion base (on most models) accommodates interchangeable, optional floppy disk drive (standard on some models); optional CD-ROM (standard on some models), CD-RW, DVD-ROM (standard on some models), LS-240 SuperDisk, combo CD-RW/DVD-ROM, Zip, and second or third hard drives; and optional second or third battery
- Intel 830MG integrated graphics controller
- Up to 48 MB of video memory (shared with main system memory and dynamically allocated, based on application needs)
- Integrated 56-Kbps³ modem + Ethernet 10/100 LAN; Wi-Fi certified integrated IEEE 802.11b Wireless LAN on selected models
- Microsoft® Windows® XP Professional (with Microsoft Windows 2000 on recovery CD) or Microsoft Windows 98 Second Edition preloaded

weight

- Notebook PC: as light as 1.7 kg (3.65 lb)⁴
- Expansion base: 0.91 kg (2.0 lbs)

dimensions

- Notebook PC: 27.8 x 22.2 x 2.5 cm (10.9 x 8.7 x 1.0 in)
- Expansion base: 27.9 x 24.9 x 1.8/3.8 cm (10.98 x 9.80 x 0.7/1.53 in)⁵

- ¹ Dual-speed processor; runs full speed from AC power, reduced speeds from battery operation.
- ² GB means 1 billion bytes for hard drive sizes.
- ³ 56Kbps refers to server download speed only. Download speeds of 56Kbps are currently unavailable in the U.S.; upload speeds are limited to 33.6 Kbps. Maximum transmission rates will vary according to line conditions and country regulations.
- ⁴ Actual weight will vary based on configuration.
- ⁵ Height dimension includes front speaker rise above notebook base.

HP PCs use genuine Microsoft® Windows®
<http://www.microsoft.com/piracy/howtotell>

hp omnibook 510 configurations and models

product number	CPU	memory	display	hard disk drive ²	CD/DVD	video	communications	battery	operating system ³	warranty
F4624W/J	Pentium III 933-MHz ¹	128 MB	12.1" XGA TFT	10 GB	FDD + USB cable	Intel 830MG	Mini-PCI LAN/ Modem	6-cell Lilon	Win 98 SE/ XP Pro	1-year
F4625W/J	Pentium III 933-MHz ¹	128 MB	12.1" XGA TFT	10 GB	Expansion base + 24X max CD + FDD	Intel 830MG	Mini-PCI LAN/ Modem	6-cell Lilon	Win 98 SE/ XP Pro	1-year
F4626W/J	Pentium III 1.0-GHz ¹	256 MB	12.1" XGA TFT	20 GB	FDD + USB cable	Intel 830MG	Mini-PCI LAN	6-cell Lilon	Win 98 SE/ XP Pro	1-year
F4789W/J	Pentium III 1.0-GHz ¹	256 MB	12.1" XGA TFT	20 GB	Expansion base + 8X max DVD + FDD	Intel 830MG	Mini-PCI LAN/ Modem	6-cell Lilon	Win 98 SE/ XP Pro	1-year
F4790W/J	Pentium III 1.0-GHz ¹	256 MB	12.1" XGA TFT	20 GB	Expansion base + 8X max DVD + FDD	Intel 830MG	Mini-PCI LAN/ Modem/Wireless	6-cell Lilon	Win 98 SE/ XP Pro	1-year
F4791W/J	Pentium III 1.13-GHz ¹	256 MB	12.1" XGA TFT	30 GB	Expansion base + 8X max DVD + FDD	Intel 830MG	Mini-PCI LAN/ Modem	6-cell Lilon	Win 98 SE/ XP Pro	1-year
F4631W/J	Pentium III 1.13-GHz ¹	256 MB	12.1" XGA TFT	30 GB	Expansion base + 8X max DVD/ CD-RW + FDD	Intel 830MG	Mini-PCI LAN/ Modem/Wireless	6-cell Lilon	Win 98 SE/ XP Pro	1-year

¹ Dual-speed processor; runs at 1.13-GHz, 1.0-GHz or 933-MHz from AC power (depending on model), reduced speeds from battery operation.

² GB means 1 billion bytes for hard drive sizes.

³ Win 98 SE = Microsoft Windows 98 Second Edition; XP Pro = Microsoft Windows XP Professional with Microsoft Windows 2000 on Recovery CD.

warranty

Hardware, battery, and accessories come with a one-year, worldwide limited warranty. A full range of flexible, global warranty extension and support upgrades are also available. Go to www.hp.com for information on warranty and support available in your region.

accessories and services

expansion base	F2096B	Multimedia expansion base
memory upgrades	F1457C F3495A F3496A F2298A	64-MB PC133 SDRAM module 128-MB PC133 SODIMM module 256-MB PC133 SODIMM module 512-MB PC133 SODIMM module
hard drives	F2018B F2018C	20-GB second hard disk drive module 30-GB second hard disk drive module
media modules	F2022B F2013A F2017B F2015B F2009B F2026B F2107B	LS-240 SuperDisk drive module Floppy disk drive module CD-ROM drive module DVD-ROM drive module 250-MB Zip drive module CD-RW module DVD-ROM/CD-RW module
power	F1781A F1455A F2098A F2014A F2011A	Ultra slimline AC adapter Auto/airline adapter Primary (replacement) rechargeable Lithium-ion battery with up to 3.5-hour run time ¹ Secondary (module-bay) rechargeable Lithium-ion battery with up to 2.75-hour run time ¹ Lithium-ion battery charger (charges secondary battery)
communications	F1626B F1782A F2135C F2196A F2136B	3Com 10/100 LAN CardBus PC card 3Com 10/100 Fast Ethernet+56 global modem CardBus PC card Lucent 802.11b wireless LAN access point HP/3Com Bluetooth PC card Lucent 802.11b wireless LAN PC card (128 bit)
security	F1645A F1747A	Kensington notebook lock Defcon 1 notebook alarm
carrying cases	F1608A F1607A F1606A F1771A F1778A	HP Omnibook executive carrying case HP Omnibook leather carrying case HP Omnibook Ballistic nylon carrying case HP Omnibook universal carrying case Promotional carrying case
cables	F2101A F2008B F1469A	External USB floppy disk drive cable External floppy disk drive cable PS/2 Y Adapter
input devices	F2100A	Optical USB travel mouse with three interchangeable covers and blue LED
warranty	Accessories come with a one-year, worldwide limited warranty	
hp supportpack options²	H2701E H2742A/E H3169PA/PE H3170PA/PE H3187E H4530A/E H4531A/E H4704A/E H5487A/E	Global Next Day On-site Response, 3 year Express Repair, 3 year Post Warranty Service, Return to HP, 1 year Post Warranty Service, Next Day On-site, 1 year Global Return to HP, 3 year 4-Hour On-site, Extended Hours Response, 3 year 4-Hour On-site Response, 24x7, 3 year Return to HP, 3 year Next Day On-site Response, 3 year

¹ Estimated battery life. Actual battery life will vary based on usage.

² Visit www.hp.com/notebooks or contact your HP sales representative for details on which of these options are available in your region.

more from hp

Extend the capabilities of your notebook with mobile connectivity, and work where it's convenient. For more information, please visit www.hp.com/notebooks/us/eng/products/wireless/index.htm

In an effort to provide customers predictable cost structures and business efficiency gain, HP offers a comprehensive set of services, including HP Consulting, HP Outsourcing, HP Support, HP Education, and HP Financing. To find more information, visit the HP Services Web site at www.hp.com/hps.

PC system features

CPU	<ul style="list-style-type: none">• 1.13-GHz, 1.0-GHz, or 933-MHz Mobile Intel Pentium III Processor-M featuring Intel SpeedStep technology¹
cache	<ul style="list-style-type: none">• 512-KB internal L2 cache• 32-KB internal L1 cache
memory	<ul style="list-style-type: none">• 256 or 128 MB of 133-MHz SDRAM standard (PC133)• Two slots available for expansion to 1024 MB (1 GB) using optional HP RAM expansion modules (two 512-MB modules must be used to achieve 1024 MB (1 GB))
mass storage	<ul style="list-style-type: none">• Industry-standard 30-, 20-, or 10-GB² removable enhanced-IDE hard disk drive• Expansion base (on most models) with two module bays to accommodate:<ul style="list-style-type: none">– Optional 3.5-inch (8.9 cm), 1.44-MB floppy disk drive module– Optional 24X-maximum-speed CD-ROM module (standard on some models)– Optional 8X-maximum-speed DVD-ROM module (standard on some models)– Optional CD-RW module– Optional CD-RW/DVD-ROM combo module (standard on some models)– Optional LS-240 SuperDisk drive module– Optional 250-MB Zip drive module– Optional 30- and 20-GB second or third hard drive– Optional second or third battery– MPEG-decoding supported under Windows 98, 2000, and XP
display	<ul style="list-style-type: none">• 12.1-inch (30.7-cm) diagonal 1024 x 768 XGA TFT display with 16 million colours
video	<ul style="list-style-type: none">• Intel 830MG integrated graphics controller• Up to 48 MB of dynamically allocated video RAM shared with system RAM• MPEG-2 hardware acceleration• Dual-display and dual-view capability under Windows 98 and XP• Support for software MPEG-2
external video resolution/ maximum colours³	<ul style="list-style-type: none">• 640 x 480 / 16M colours• 800 x 600 / 16M colours• 1024 x 768 / 16M colours• 1280 x 1024 / 16M colours• 1600 x 1200 / 64M colours
audio	<ul style="list-style-type: none">• 16-bit Sound Blaster Pro-compatible stereo sound• Stereo sound via headphone-out port, microphone-in port; line-in port (expansion base only), one mono internal speaker in notebook• Polk Audio stereo speakers with subwoofer in expansion base• 3D-enhanced PCI bus audio• Built-in monophonic microphone
ports—notebook	<ul style="list-style-type: none">• Two Universal Serial Bus (USB) ports• 4-Mbps IrDA⁴-compliant infrared port• Microphone-in, headphone-out• Video-out• 200-pin PCI connector for docking• Integrated Intel LAN (Ethernet 10/100) on motherboard with Wake-on LAN, PXE, and WfM 2.0 compatibility• Integrated Ambit 56Kbps⁵ modem via Mini PCI Type IIIA card (standard on higher-end models); no-modem models also available

¹ Dual-speed processor; runs at 1.13-GHz, 1.0-GHz, or 933-MHz from AC power (depending on model), reduced speeds from battery operation.

² GB means 1 billion bytes for hard drive sizes.

³ Higher resolutions may be available. Refresh rate and clarity may vary depending on monitor, resolution, and colour depth.

⁴ Reg. U.S. Patent & Trademark Office.

⁵ 56Kbps refers to server download speed only. Download speeds of 56Kbps are currently unavailable in the U.S.; upload speeds are limited to 33.6 Kbps. Maximum transmission rates will vary according to line conditions and country.

PC system features (continued)

ports—expansion base	<ul style="list-style-type: none">• LAN pass-through• IR pass-through• Serial port: 9-pin, 115,200-bps• Parallel port: 25-pin bidirectional ECP and EPP• PS/2 keyboard port, mouse port, 2 USB ports• Headphone-out, line-in, microphone-in ports• Video-out• S Video-out (Composite Video-compatible)• 200-pin PCI connector for docking
wireless communications	<ul style="list-style-type: none">• Wi-Fi certified integrated IEEE 802.11b Wireless LAN on selected models• Full complement of wireless accessories
power	<ul style="list-style-type: none">• Universal AC adapter: 100- to 240-Vac (50- to 60-Hz) input; 19-Vdc, 3.16A output• Rechargeable 6-cell Lithium-Ion (Lilon) battery (with up to 3-hour run time)⁶• Up to 8-hour run time total with second and third accessory Lilon batteries when used with primary battery⁶• Fast battery recharge: 85% in 1.5 hours; 100% in 2 hours• Suspend/resume/save-to-disk feature• Low-battery warning• Advanced Power Management (APM 1.2)• ACPI 1.0b-, OnNow-, and Energy Star[®]-compliant
PC card slots	<ul style="list-style-type: none">• One PCMCIA Type II PC card slot• CardBus-enabled• 3.3V_{aux} and D3 cold wake-up support
keyboard and pointing device	<ul style="list-style-type: none">• 84-/85-key 95% size keyboard• Embedded numeric keypad• 12 function [Fn] keys• Pointing stick, two buttons, and scroll button• Two user-programmable one-touch buttons
weight	<ul style="list-style-type: none">• Notebook PC: as light as 1.7 kg (3.65 lb)⁷• Expansion base: 0.91 kg (2.0 lbs)
dimensions	<ul style="list-style-type: none">• Notebook PC: 27.8 x 22.2 x 2.5 cm (10.9 x 8.7 x 1.0 in)• Expansion base: 27.9 x 24.9 x 1.8/3.8 cm (10.98 x 9.80 x 0.7/1.53 in)⁸

⁶ Estimated battery life. Actual battery life will vary based on usage.

⁷ Actual weight will vary based on configuration.

⁸ Height dimension includes front speaker rise above notebook base.

PC management features

desktop management	<ul style="list-style-type: none">• Desktop Management Interface (DMI) 2.0• HP Tiptools 5.5 for Windows 98, 2000, XP
security	<ul style="list-style-type: none">• User and administrator passwords• Kensington MicroSaver lock slot on both notebook and expansion base• System and hard drive passwords• PC identification displayed at boot• DMI-accessible electronic serial number• Docking password• Smart-Card enabled in BIOS• BIOS user and administrator passwords• 128-bit RC4 wireless encryption• Integrated wired and wireless 802.1x support for Windows XP

software

operating system

- Microsoft Windows 98 Second Edition or Windows XP Professional preloaded (with Windows 2000 on the Recovery CD)
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preinstalled software

- Microsoft Internet Explorer 5.0 or later
 - Microsoft Outlook Express 6.0
 - Adobe® Acrobat® Reader 4.05 or later
 - QuickLink III fax software by Smith Micro (Windows 98 only)
 - Symantec Norton AntiVirus 2002 (Windows XP only), McAfee Virus Scan (Windows 98 and Windows 2000 only)
 - System diagnostics by HP Tiptools 5.5
 - Online user's handbook
 - HP e-Diagtools for Windows 3.0.28 (Windows 98 and Windows 2000 only)
 - BayManager 1.03 hot-swap software (Windows 98 only); Plug and Play native to Windows 2000 and XP (including hot docking and hot swapping of accessory bay models)
 - Hot Key applet to make notebook PC presentation-ready, access HP Information Centre
 - Intervideo WinDVD software (with DVD models; not preloaded)
-

environmental design

- Operating temperature: 5° to 35°C (41° to 95°F)
 - Storage temperature: -20° to 50°C (-4° to 122°F)
 - Operating humidity: 90% relative humidity at 40°C (104°F)
 - Storage humidity: 90% relative humidity at 65°C (149°F)
 - Operating altitude: 0 to 3000 m (10,000 ft)
-

service and support: no time for downtime

Two additional important features come standard with the HP Omnibook 510 notebook PC: HP's legendary quality and reliability. These features, combined with our award-winning HP Customer Care service and support, are your assurance that your HP Omnibook notebook PC won't let you down. As an HP Omnibook owner, you can count on:

- a one-year, worldwide, parts-and-labour limited warranty
- a one-year, worldwide warranty on battery and accessories
- expedited repair available
- hp technical phone support during the warranty period
- hp e-support: centralised, worldwide BIOS and driver update service and technical support
- proactive notification e-mail service
- Customer Care electronic support available on the Web at www.hp.com/notebooks

For the latest information on HP Omnibook notebook PCs and their optional accessories, visit HP's World Wide Web site at www.hp.com/notebooks

For more information, call your local Hewlett-Packard sales office or your nearest HP authorised dealer:

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Hong Kong	+852 2599 7066
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Malaysia	+60 3 2698 1111
New Zealand	+0800 733 547
Philippines	+63 2 636 9888
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For the following countries, please fax your queries to:
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- Bangladesh • Brunei • Cambodia • Pakistan • Sri Lanka

hp customer care centre (for post-sales service)

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<http://www.hp.com/go/hpparts>



HP is committed to designing products and services that are accessible to everyone, including people with disabilities. To learn more about the general accessibility features of HP products, please visit www.hp.com/accessibility.

This product has been tested and approved by WECA to be Wi-Fi compliant. Wi-Fi is a trademark of the Wireless Ethernet Compatibility Alliance.

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Hewlett-Packard continually strives to improve the quality of its products.

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For specific warranties, please check with your local country resellers.

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