



HP Compaq 8710w Mobile Workstation

POWER TO PERFORM.
Most powerful HP Mobile Workstation



HP recommends Windows Vista® Business

Unprecedented mobile power and performance

The HP Compaq 8710w Mobile Workstation redefines power on the move by combining the visualization power of NVIDIA's next-generation graphics controller with the computational power of Intel® Core™2 Duo Processors² into a sleek 17-inch diagonal widescreen mobile workstation.

Contains highly graphic material

Workstation-class graphics provide full OpenGL and DirectX 10 support and are fully ISV-certified. When docked, Dual Link DVI support lets you run ultra-high resolution monitors in their native resolution. The HP Compaq 8710w also enables a true 64-bit computing environment with support for up to 8 GB of system memory.

Work in high definition

The optional Blu-ray DVD+/-RW SuperMulti DL drive³ lets you play and burn up to 50 GB of high-definition content on a single dual layer Blu-ray disc, while the HDMI connector provides an easy way to connect to high-definition televisions and displays with one convenient cable.¹⁰

Top performance in the office and beyond

Intel® Centrino® Pro¹¹ processor technology helps reduce the total cost of operating and managing your PCs with built-in remote manageability and proactive security. The HP Compaq 8710w also delivers an integrated 6-in-1 Media Reader, a full-sized keyboard with separate numeric keypad, and compatibility with a range of accessories.

HP Professional Innovations help you focus on your business

Built to protect. An array of multi-layered, customizable security solutions help defend your network, your applications, and your data. The new Drive Encryption for HP ProtectTools encrypts all information on the hard drive volume so it becomes unreadable to an unauthorized person.

Built to simplify. Boost your productivity while maximizing simplicity with features such as HP QuickLook. Quickly browse your email, calendars, and contact information with a touch of a button whether your PC is turned on or not. (Windows Vista Required)

Built to last. Reliable features such as HP DuraKeys, HP DuraFinish, magnesium alloy support structure, and HP 3D DriveGuard help your notebook go the distance.

Operating system	Preinstalled: Genuine Windows Vista Business 32/64, ¹ Genuine Windows XP Professional, Genuine Windows Vista downgrade to genuine XP Professional installed*, FreeDOS; Supported: Genuine Windows Vista Enterprise, ¹ Genuine Windows 2000, Genuine Windows XP Professional 64; Certified: SuSe Linux Enterprise Desktop 10			
Processor ²	Intel® Core™2 Duo (up to 2.6-GHz, 6-MB L2 cache); Intel® Core™ 2 Duo (up to 2.4-GHz, 3-MB L2 cache)			
Chipset	Mobile Intel® PM965			
ISV Certifications	AutoDesk AutoCAD	UGS I-DEAS NX 10	PTC Pro/E 2001 Mechanica	Solidworks
	AutoDesk Inventor	UGS I-DEAS NX 11	PTC Pro/E Wildfire Mechanica	CoCreate OneSpace Designer
	MCAD AutoDesk Revit	UGS/PLM Unigraphics NX,	MSC.Patran	ICEM Surf
	Bentley Microstation	NX2, NX3	SensAble	PTC DV Mockup
	Dassault Catia V5	UGS Solidedge		
DCC	Discreet 3DS MAX/Combustion	Alias Maya	Avid SoftImage XSI/3D	GIS: ESRI ArcGIS
	Adobe Premiere/After Effects	Alias Studio Tools	Avid Xpress Pro	
Oil & Gas	SMT, Landmark/GeoGrpahix,	EDS, Roxar,	Schlumberger/Petrel	
Memory	DDR2 SDRAM, 667-MHz, two SODIMM slots supporting dual channel memory ¹⁵ , 1024/2048/4096/8192-MB			
Internal Storage ³	SATA 120/160/250-GB 5400 rpm, 80/120/160/200-GB 7200 rpm, HP 3D DriveGuard			
Removable media ⁴	12.7-mm optical drives: Blu-ray Disc DVD+/-RW SuperMulti DL ¹⁶ , DVD+/-RW SuperMulti DL LightScribe, DVD+/-RW SuperMulti DL, DVD/CD-RW Combo, DVD-ROM			
Display	17.0-inch diagonal: WSXGA+ WVA (1680 x 1050), WSXGA+ WVA BrightView (1680 x 1050), or WUXGA WVA (1920 x 1200)			
Graphics ⁵	NVIDIA Quadro FX 1600M (with 512MB of video memory) or NVIDIA Quadro FX 3600M (with 512MB of video memory)			
Audio	High Definition Audio, stereo speakers, stereo headphone/line out, stereo microphone in, integrated microphone			
Wireless support ^{6,7,8}	Intel PRO/Wireless 802.11a/b/g/draft-n, a/b/g, Broadcom 802.11 a/b/g, Bluetooth™ 2.0, HP Wireless Assistant			
Communications	Intel Gigabit Network Connection (10/100/1000 NIC), ⁹ 56K v.92 modem			
Expansion slots	1 Type I/II PC Card slot supports 32-bit CardBus and 16-bit cards, 6-in-1 Media Card Reader			
Ports and connectors	6 USB 2.0 ports, VGA, HDMI, ¹⁰ stereo microphone in, stereo headphone/line out, 1394a, power connector, RJ-11/modem, RJ-45/ethernet, docking connector, secondary battery connector			
Input device	Full-sized keyboard, enhanced dual pointing devices (touchpad with scroll zone and pointstick)			
Manageability	Intel® Centrino® Pro processor technology capable (select configurations), ¹¹ HP Backup and Recovery Manager, HP Client Manager Software, HP OpenView Radia Management Agent, HP Client Management Interface, HP Performance Tuning Framework			
Security	HP ProtectTools, TPM Embedded Security Chip 1.2, ¹² HP Fingerprint Sensor, Symantec Norton Internet Security, integrated Smart Card Reader; ¹³ Sold separately: Kensington lock, HP Privacy Filter			
Dimensions (h x w x d)	1.3 in (at front) x 15.5 in x 10.8 in			
Weight	Starting at weight: 7.5 lbs (weight will vary by configuration)			
Power	8-cell (73 WHr) Lithium-Ion battery, optional HP (52 WHr) Extended Life Battery, ¹³ optional HP (95 WHr) Ultra-Capacity Battery, ¹³ 120W HP Smart AC Adapter, HP Fast Charge ¹⁴			
Expansion solutions ¹³	HP Advanced Docking Station, HP Docking Station, External MultiBay II, HP Monitor Stand, HP Adjustable Notebook Stand			
Warranty	Limited 3-3-3 warranty; 1-year limited warranty on primary battery			

Certain Windows Vista product features require advanced or additional hardware. See www.microsoft.com/windowsvista/getready/hardwarereqs.mspx and www.microsoft.com/windowsvista/getready/capable.mspx for details. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit www.windowsvista.com/upgradesadvisor. 2. Dual Core is a new technology designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. 64-bit computing on Intel architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. See www.intel.com/info/comp44 for more information. 3. For hard drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 8 GB (for XP) and 10 GB (for Vista) of system disk is reserved for the system recovery software. 4. Do not copy copyright-protected materials. Intended for creation and storage of your original material and other lawful uses. Double Layer discs can store more data than single layer discs. Double-layer discs burned with this drive may not be compatible with many existing single-layer DVD drives and players. LightScribe creates a monochrome image. LightScribe media required and sold separately. Note that DVD-RAM cannot read or write to 2.6 GB Single Sided/5.2 GB Double Sided - Version 1.0 media. 5. Shared video memory (UMA) uses part of the total system memory for video performance. System memory dedicated to video performance is not available for other use by programs. 6. Wireless, internet, and VoIP use require separately purchased service contract. Check with service provider for availability and coverage in your area. Available in select countries only. 7. The specifications for the 802.11n WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the PC to communicate with other 802.11n WLAN devices. 8. Wireless access point required and is not included. Availability of public wireless access points limited. 9. The term "10/100/1000" or "Gigabit" Ethernet indicates compliance with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required. 10. HDMI cable not included on all models. 11. Some functionality of Intel Centrino Pro, such as Intel Active management technology and Intel Virtualization technology, requires additional 3rd party software. Availability of future "virtual appliances" applications is dependent on 3rd party software providers. Compatibility of this generation of Centrino Pro technology-based hardware with future "virtual appliances" and Microsoft Windows Vista operating system is to be determined. 12. TPM module disabled where not permitted by law. 13. Sold separately or purchased as an optional feature. 14. HP Fast Charge recharges your primary battery up to 90% within 90 minutes when the system is off. HP Fast Charge does not apply to 9 cell primary and 12 cell Ultra Capacity batteries. 15. Dual Channel is only supported when the system is configured with DDR2 symmetric memory (i.e. 2x256). 16. As Blu-ray is new format containing new technologies, certain discs, digital connections, compatibility and/or performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. * Windows Vista Business disk also included for future upgrade if desired. To qualify for this downgrade an end user must be a business (including governmental or educational institutions) and is expected to order annually at least 25 customer systems with the same custom image. + Certain Windows Vista product features require advanced or additional hardware. See www.microsoft.com/windowsvista/getready/hardwarereqs.mspx and www.microsoft.com/windowsvista/getready/capable.mspx for details. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. © 2007 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. 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