

HP EliteBook 8530w Mobile Workstation Intel® Core™2 Duo T9400 39.1 cm (15.4") 2 GB DDR2-SDRAM 250 GB NVIDIA® Quadro® FX 770M Windows Vista Business

Brand : HP

Product family: EliteBook

Product code: FY595AW#ABH

Product name : EliteBook 8530w Mobile Workstation

Portable Powerhouse. The HP EliteBook 8530w Mobile Workstation gives you the freedom to work beyond the confines of your desk by providing the portability of a 15.4-inch diagonal widescreen notebook with the power of a workstation.

HP EliteBook 8530w Mobile Workstation Intel® Core™ 2 Duo T9400 39.1 cm (15.4") 2 GB DDR2-SDRAM 250 GB NVIDIA® Quadro® FX 770M Windows Vista Business:

The HP EliteBook 8530w Mobile Workstation provides the portability of a notebook with the power of a workstation.

HP EliteBook 8530w Mobile Workstation. Product type: Mobile workstation. Processor family: Intel® Core™2 Duo, Processor model: T9400, Processor frequency: 2.53 GHz. Display diagonal: 39.1 cm (15.4"). Internal memory: 2 GB, Internal memory type: DDR2-SDRAM. Total storage capacity: 250 GB. Discrete graphics card model: NVIDIA® Quadro® FX 770M. Operating system installed: Windows Vista Business. Weight: 2.86 kg





Design		Processor special features	
Product type * Country of origin	Mobile workstation China	Intel [®] Clear Video HD Technology (Intel [®] CVT HD)	×
Display		Intel Clear Video Technology	×
Display diagonal *	39.1 cm (15.4")	Intel® InTru [™] 3D Technology	×
1 5 5	5512 cm (15.1)	Intel® Insider™	×
Processor		Intel [®] Quick Sync Video Technology	×
Processor manufacturer *	Intel	Intel Flex Memory Access	×
Processor family * Processor model *		Intel® AES New Instructions (Intel® AES-NI)	×
Processor cores	2	Intel Trusted Execution Technology	1
Processor threads	2	Intel Enhanced Halt State	×
Processor frequency * Processor cache	2.53 GHz 6 MB	Intel VT-x with Extended Page Tables (EPT)	×
Processor cache type	L2	Intel Demand Based Switching	×
Processor socket	Socket 479	Intel [®] Clear Video Technology for	for
Processor front side bus	1066 MHz	Mobile Internet Devices (Intel CVT	×
Processor lithography	45 nm	for MID)	
Processor operating modes	64-bit	Intel 64	 Image: A set of the set of the
Processor series	Intel Core 2 Duo T9000 Series	Execute Disable Bit	1
Processor codename	Penryn	Idle States	×
Bus type	FSB	Thermal Monitoring Technologies	×
FSB Parity	×	Processor package size	35 x 35 mm
Stepping	EO	Processor code	SLGEK
Thermal Design Power (TDP)	35 W	Embedded options available	1
Tjunction Number of Processing Die Transistors	105 °C 410 M	Intel Virtualization Technology for Directed I/O (VT-d)	×
Processing Die size	107 mm²	Intel Virtualization Technology (VT-	1
Processor technology	Intel Centrino 2 w/ vPro	x)	

Processor		Processor special features	
CPU multiplier (bus/core ratio)	9.5	Intel Dual Display Capable	×
ECC supported by processor	×	Technology	
Memory		Intel FDI Technology	×
Internal memory *	2 GB	Intel Rapid Storage Technology	×
Internal memory type	DDR2-SDRAM	Intel Fast Memory Access	X
Memory slots	2x SO-DIMM	Processor ARK ID	35562
Maximum internal memory *	8 GB	Conflict-Free processor	×
Storage		Battery	
Total storage capacity *	250 GB	Number of battery cells	8
HDD speed	7200 RPM	Battery life (max)	5 h
Card reader integrated	 Image: A set of the set of the	Power	
Graphics		DC-in jack	 Image: A set of the set of the
Discrete graphics card model *	NVIDIA® Quadro® FX 770M	Security	
Discrete graphics card *	1	Trusted Platform Module (TPM)	1
Maximum graphics card memory	0.5 GB		Standard: HP ProtectTools, TPM
Audio			Embedded Security Chip 1.2, HP
Audio system	High Definition Audio		Fingerprint Sensor, Enhanced Pre- Boot Security, HP Spare Key, HP
Number of built-in speakers	2		Disk Sanitizer, Enhanced Drive Lock,
	High Definition Audio, stereo	Security management description	Drive Encryption for HP ProtectTools, Credential Manager
Audio included	speakers, stereo headphone/line out, stereo microphone in,		for HP ProtectTools, File Sanitizer for
	integrated dual-microphone array		HP ProtectTools, integrated Smart Card Reader; Optional: Kensington
Network			lock, HP Privacy Filter, McAfee
Networking features	Gigabit Ethernet		Security Solution
Bluetooth		Operational conditions	
Bluetooth version	2.0+EDR	Non-operating relative humidity	5 - 90%
Ports & interfaces		(non-condensing) Operating temperature (T-T)	0 - 80 °C
	4	Storage temperature (T-T)	-40 - 80 °C
USB 2.0 ports quantity * eSATA ports quantity	4	Operating relative humidity (H-H)	10 - 90%
Ethernet LAN (RJ-45) ports	1	Storage relative humidity (H-H)	5 - 95%
HDMI ports quantity *	1	Certificates	
DVI port	×		MCAD: AutoDesk (AutoCAD,
VGA (D-Sub) ports quantity	1		Inventor, Revit, Alias Studio, Map
Firewire (IEEE 1394) ports	1		3D, Civil 3D), Bentley (In Roads XM, MicroStation, Navigator), CEI,
Headphone outputs	1		CoCreate OneSpace, Dassault CATIA
S/PDIF out port	×		V5, ICEM Surf, Intelligent Light, MSC Software (MSC.Patran, SimXpert),
Microphone in	1		PTC Pro/ENGINEER Wildfire,
Docking connector			Sensable, Siemans PLMS (NX, NX I- deas, Solid Edge, TeamCenter
ExpressCard slot	 Image: A second s	Certification	Visualisation, Solidworks; DCC: Adobe (Premiere, After effects, Encore, Photoshop), AutoDesk (3DS
CardBus PCMCIA slot type	×		
SmartCard slot	 Image: A set of the set of the		MAX/Combustion, Maya), Avid
I/O ports	4 USB 2.0 ports, HDMI, eSATA, VGA, stereo microphone in, stereo headphone/line out, 1394a, power connector, RJ-11/modem, RJ-45/ethernet, docking connector,		(Xpress Pro, Media Composer), SoftImage XSI; GIS: ESRI ArcGIS; Oil and Gas: Landmark R5000, Paradigm EPOS, GoCAD, Schlumberger (GeoFrame, Petrel), SoismieMicro Tochnology
Madam (DI 11) parta	secondary battery connector		SeismicMicro Technology
Modem (RJ-11) ports	1	Weight & dimensions	
TV-out	×	Width	355 mm
Performance		Depth Height (front)	263 mm 2.8 cm
Motherboard chipset	Intel® PM45 Express	Weight *	2.86 kg
Keyboard			v
Keyboard type	Full-sized	Packaging data	10.4 km
Pointing device	Touchpad	Package weight	19.4 kg
Keyboard layout	QWERTY	Video	
		Video card features	NVIDIA Quadro FX 770M

Software		Other features	
Operating system installed * Bundled software	Windows Vista Business HP Recovery Manager (Vista Only), HP Client Manager Software, HP Client Configuration Management Agent, HP OpenView PC Configuration Management Solutions, HP Performance Tuning Framework	Manageability features	Intel Centrino 2 with vPro technology capable, HP Recovery Manager (Windows Vista only), HP Client Manager Software, HP Client Configuration Management Agent, HP OpenView PC Configuration Management Solutions, HP Performance Tuning Framework
Processor special features		Wireless technology	IEEE 802.11a/b/g/n
•		LightScribe	 Image: A set of the set of the
Intel® Wireless Display (Intel® WiDi)	×	Infrared data port	×
Intel® My WiFi Technology (Intel® MWT)	×	Туре	PC
		Dimensions (WxDxH)	355 x 263 x 28 mm
Intel® Anti-Theft Technology (Intel® AT)	×	Power requirements	External 120W HP Smart AC adapter, HP Fast Charge Technology 8-cell (73 WHr) Lithium-Ion battery
Intel® Hyper Threading Technology (Intel® HT Technology)	×	Wireless option type	
Intel® Turbo Boost Technology	×		HP Docking Station, HP Advanced
Enhanced Intel SpeedStep Technology	1	Docking solution	Docking Station, HP Monitor Stand, HP Adjustable Notebook Stand (all sold separately)

Expansion slots Relative humidity

Protection tools

Internal modem

Intel segment tagging

Modem speed

Modem type

Compatible operating systems

TV-in port

1 ExpressCard/54 slot, Media Card Reader

10 - 90%

×

Genuine Windows XP Professional, SuSe Linux Enterprise Desktop 10 HP ProtectTools, TPM Embedded Security Chip 1.2, HP Fingerprint Sensor, HP Disk Sanitizer, integrated Smart Card Reader

1 56 Kbit/s V.92 Enterprise **Catalog Object Cloud**



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