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.

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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

Product type *	Mobile workstation
Country of origin	China

Display

Display diagonal *	39.1 cm (15.4")

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™2 Duo
Processor model *	T9400
Processor cores	2
Processor threads	2
Processor frequency *	2.53 GHz
Processor cache	6 MB
Processor cache type	L2
Processor socket	Socket 479
Processor front side bus	1066 MHz
Processor lithography	45 nm
Processor operating modes	64-bit
Processor series	Intel Core 2 Duo T9000 Series
Processor codename	Penryn
Bus type	FSB
FSB Parity	✘
Stepping	E0
Thermal Design Power (TDP)	35 W
Tjunction	105 °C
Number of Processing Die Transistors	410 M
Processing Die size	107 mm²
Processor technology	Intel Centrino 2 w/ vPro

Processor special features

Intel® Clear Video HD Technology (Intel® CVT HD)	✘
Intel Clear Video Technology	✘
Intel® InTru™ 3D Technology	✘
Intel® Insider™	✘
Intel® Quick Sync Video Technology	✘
Intel Flex Memory Access	✘
Intel® AES New Instructions (Intel® AES-NI)	✘
Intel Trusted Execution Technology	✔
Intel Enhanced Halt State	✘
Intel VT-x with Extended Page Tables (EPT)	✘
Intel Demand Based Switching	✘
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✘
Intel 64	✔
Execute Disable Bit	✔
Idle States	✘
Thermal Monitoring Technologies	✘
Processor package size	35 x 35 mm
Processor code	SLGEK
Embedded options available	✔
Intel Virtualization Technology for Directed I/O (VT-d)	✘
Intel Virtualization Technology (VT-x)	✔

Processor

CPU multiplier (bus/core ratio)	9.5
ECC supported by processor	✗

Memory

Internal memory *	2 GB
Internal memory type	DDR2-SDRAM
Memory slots	2x SO-DIMM
Maximum internal memory *	8 GB

Storage

Total storage capacity *	250 GB
HDD speed	7200 RPM
Card reader integrated	✔

Graphics

Discrete graphics card model *	NVIDIA® Quadro® FX 770M
Discrete graphics card *	✔
Maximum graphics card memory	0.5 GB

Audio

Audio system	High Definition Audio
Number of built-in speakers	2
Audio included	High Definition Audio, stereo speakers, stereo headphone/line out, stereo microphone in, integrated dual-microphone array

Network

Networking features	Gigabit Ethernet
Bluetooth	✔
Bluetooth version	2.0+EDR

Ports & interfaces

USB 2.0 ports quantity *	4
eSATA ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
DVI port	✗
VGA (D-Sub) ports quantity	1
Firewire (IEEE 1394) ports	1
Headphone outputs	1
S/PDIF out port	✗
Microphone in	✔
Docking connector	✔
ExpressCard slot	✔
CardBus PCMCIA slot type	✗
SmartCard slot	✔
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, secondary battery connector
Modem (RJ-11) ports	1
TV-out	✗

Performance

Motherboard chipset	Intel® PM45 Express

Keyboard

Keyboard type	Full-sized
Pointing device	Touchpad
Keyboard layout	QWERTY

Processor special features

Intel Dual Display Capable Technology	✗
Intel FDI Technology	✗
Intel Rapid Storage Technology	✗
Intel Fast Memory Access	✗
Processor ARK ID	35562
Conflict-Free processor	✗

Battery

Number of battery cells	8
Battery life (max)	5 h

Power

DC-in jack	✔

Security

Trusted Platform Module (TPM)	✔
Security management description	Standard: HP ProtectTools, TPM Embedded Security Chip 1.2, HP Fingerprint Sensor, Enhanced Pre-Boot Security, HP Spare Key, HP Disk Sanitizer, Enhanced Drive Lock, Drive Encryption for HP ProtectTools, Credential Manager for HP ProtectTools, File Sanitizer for HP ProtectTools, integrated Smart Card Reader; Optional: Kensington lock, HP Privacy Filter, McAfee Security Solution

Operational conditions

Non-operating relative humidity (non-condensing)	5 - 90%
Operating temperature (T-T)	0 - 80 °C
Storage temperature (T-T)	-40 - 80 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 95%

Certificates

Certification	MCAD: AutoDesk (AutoCAD, Inventor, Revit, Alias Studio, Map 3D, Civil 3D), Bentley (In Roads XM, MicroStation, Navigator), CEI, CoCreate OneSpace, Dassault CATIA V5, ICEM Surf, Intelligent Light, MSC Software (MSC.Patran, SimXpert), PTC Pro/ENGINEER Wildfire, Sensable, Siemans PLMS (NX, NX I-deas, Solid Edge, TeamCenter Visualisation, Solidworks; DCC: Adobe (Premiere, After effects, Encore, Photoshop), AutoDesk (3DS MAX/Combustion, Maya), Avid (Xpress Pro, Media Composer), SoftImage XSI; GIS: ESRI ArcGIS; Oil and Gas: Landmark R5000, Paradigm EPOS, GoCAD, Schlumberger (GeoFrame, Petrel), SeismicMicro Technology

Weight & dimensions

Width	355 mm
Depth	263 mm
Height (front)	2.8 cm
Weight *	2.86 kg

Packaging data

Package weight	19.4 kg

Video

Video card features	NVIDIA Quadro FX 770M

Software

Operating system installed *	Windows Vista Business
Bundled software	HP Recovery Manager (Vista Only), HP Client Manager Software, HP Client Configuration Management Agent, HP OpenView PC Configuration Management Solutions, HP Performance Tuning Framework

Processor special features

Intel® Wireless Display (Intel® WiDi)	✘
Intel® My WiFi Technology (Intel® MWT)	✘
Intel® Anti-Theft Technology (Intel® AT)	✘
Intel® Hyper Threading Technology (Intel® HT Technology)	✘
Intel® Turbo Boost Technology	✘
Enhanced Intel SpeedStep Technology	✔

Other features

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
Wireless technology	IEEE 802.11a/b/g/n
LightScribe	✔
Infrared data port	✘
Type	PC
Dimensions (WxDxH)	355 x 263 x 28 mm
Power requirements	External 120W HP Smart AC adapter, HP Fast Charge Technology 8-cell (73 WHr) Lithium-Ion battery
Wireless option type	✔
Docking solution	HP Docking Station, HP Advanced Docking Station, HP Monitor Stand, HP Adjustable Notebook Stand (all sold separately)
Expansion slots	1 ExpressCard/54 slot, Media Card Reader
Relative humidity	10 - 90%
TV-in port	✘
Compatible operating systems	Genuine Windows XP Professional, SuSe Linux Enterprise Desktop 10
Protection tools	HP ProtectTools, TPM Embedded Security Chip 1.2, HP Fingerprint Sensor, HP Disk Sanitizer, integrated Smart Card Reader
Internal modem	✔
Modem speed	56 Kbit/s
Modem type	V.92
Intel segment tagging	Enterprise

Catalog Object Cloud