

CERTIFICATE

Certificate Id: 2PAA106597_HP_EliteBook_8540w

Category:	Servers and Workstation
Product Name:	Hewlett Packard EliteBook 8540w
Software Version:	N/A
Chipset Version:	Intel QM57 Express
Vendor:	Hewlett Packard
Certification Test Report:	3BSE064311
Certification reference:	System 800xA Version 5.1
Restrictions:	Only for engineering and commission

The certificate states that the product specified above has passed the test towards the specified integration category. The certification has been performed by an official certification center, approved by the official steering body for the Industrial IT Certification.

The basis for the certificate is documented according to the Industrial IT Certification – Document Number 3BSE037356. The certificate is valid for the above mentioned Product versions until the next major release of the certified product or the certification reference system. With a major release of the certified product or the reference system, a new certification is required to keep the certificate current.

ABB AB
721 59 Vasteras, Sweden

Date: 2010-11-02

Representative for the official steering body for the Industrial IT Certification


Erik Oja

HP EliteBook 8540w

Industrial^{IT} Certification



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The HP EliteBook 8540w Mobile Workstation offers:

- Maximize onscreen performance with workstation-caliber graphics. Choose from the NVIDIA Quadro FX 880M or 1800M.
- The latest technologies. Share information with fast transfer speeds using two USB 3.0 ports. Connect to external displays and get sharper, deeper images with DisplayPort.

Certification results and product details are summarized below:

Product Overview

Processor	Intel® Quad-Core i7-840QM (1.86 GHz, 8 MB L3 cache), i7-820QM (1.73 GHz, 8 MB L3 cache), i7-740QM (1.73 GHz, 6 MB L3 cache), i7-720QM (1.60 GHz, 6 MB L3 cache) Intel® Dual-Core i7-640M (2.80 GHz, 4 MB L3 cache), i7-620M (2.66 GHz, 4 MB L3 cache), i5-580M (2.66 GHz, 3 MB L3 cache), i5-560M (2.66 GHz, 3 MB L3 cache), i5-540M (2.53 GHz, 3 MB L3 cache), i5-520M (2.4 GHz, 3 MB L3 cache)
Memory	Up to 32768 MB DDR3 SDRAM 1333 MHz SODIMM
Chipset	Intel QM57 Express Chipset
Hard disc	250/320/500/640 GB (7200 rpm) SATA2, 160/256 GB Solid State Drive
Expansion Bays	Supports ExpressCard/54
Graphics	NVIDIA Quadro FX 880M graphics with 1 GB DDR3 NVIDIA Quadro FX 1800M graphics with 1 GB GDDR5
Network	Integrated Intel 82577LM Gigabit Network Connection (10/100/1000 NIC), HP Mobile Broadband (powered by Gobi™) with GPS Intel Centrino 802.11a/b/g/n, HP Integrated Module with Bluetooth® 2.1 Wireless Technology
Storage CD-ROM	DVD-ROM; DVD+/-RW SuperMulti DL LightScribe; Blu-ray R/RE DVD+/-RW SuperMulti DL
Operating System	Windows® 7 Professional
USB	3 USB 2.0, 2 USB 3.0

Product Details in tested sample

Product	HP EliteBook 8540w
Processor	Intel® Dual-Core 520M 2.40 GHz
Memory	4 GB DDR3-1066 1333 MHz SDRAM SODIMM
Hard disc	250 GB SATA2 7200 rpm
Graphics	NVIDIA Quadro FX 880M 1GB DDR3
Network	Integrated Intel 82577LM Gigabit Network Connection
Storage CD-ROM	DVD+/-RW, Supermulti with Lightscribe
Operating System	Windows® 7 Professional

Engineering

Configuration and installation	Application and Driver Recovery DVD Kit 577523-B21
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Industrial^{IT}
enabled

HP EliteBook 8540w

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Industrial design debuts in gunmetal:

- Starting at only 6.4 lb. (2.89 kg) with a 1.28-inch height in front, this Mobile Workstation, with a gunmetal finish, combines premier design with rugged construction to not only look stunning, but also to protect your notebook.
- Spill-resistant keyboard with drains. Help protect sensitive electronics and key components from minor spills that might otherwise cause system failure with this thin layer of Mylar film under the keyboard..

The HP EliteBook 8540w supports the 800xA Extended Automation System Value Propositions as noted below:

800xA Value Proposition Mapping

✓	Reducing Time to Decision and Action <ul style="list-style-type: none">- Detailed performance information can be retrieved.- World wide standard product
✓	Engineering for Maximum Performance <ul style="list-style-type: none">- High level configuration- Number of options available for different configuration needs
✓	Reducing Risk through High Integrity Automation <ul style="list-style-type: none">- Reduced risk through reduced number of components- Mechanical form factor improves lifetime
✓	Optimizing Plant Asset Availability and Performance <ul style="list-style-type: none">- Possible to change components without any mechanical tools- Grow with the project.
✓	Investment Enhancement through Evolution <ul style="list-style-type: none">- Continuous development of components to fit in existing Hewlett Packard product family.