

CERTIFICATE

Certificate Id: 2PAA114294_HP_ZBook_15_G2

Category:	Workstation Laptop
Product Name:	Hewlett Packard ZBook 15 G2
Software Version:	N/A
Chipset Version:	Mobile Intel® QM87
Vendor:	Hewlett Packard
Certification Test Report:	3BSE082415
Certification reference:	System 800xA Version 6.0
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: 2015-02-25

Representative for the official steering body for the Industrial IT Certification



Hans Johannisson

HP ZBook 15 G2

Industrial^{IT} Certification



HP ZBook 15 G2 Mobile Workstation

Work smarter. Be confident.

Feel the power. Take performance to a new level on HP ZBook 15 G2 with Thunderbolt™2, and optional Quad Core CPUs, HP Z Turbo Drive storage, and optional QHD+ display options. Look stylish and confident carrying the HP ZBook 15 G2. Project a professional image at the office, client meetings, and on the road without sacrificing durability in a lightweight chassis. Be confident that your ZBook 15 G2 can withstand the rigors of business with workstation ISV application certifications and 115,000 hours of testing through the HP Total Test Process.

Certification and product details are summarized below:

Product Overview

Processor	Intel® Core™ i7-4910MQ with Intel HD Graphics 4600 (2.9 GHz, 8 MB cache, 4 cores) Intel® Core™ i7-4810MQ with Intel HD Graphics 4600 (2.8 GHz, 6 MB cache, 4 cores) Intel® Core™ i7-4710MQ with Intel HD Graphics 4600 (2.5 GHz, 6 MB cache, 4 cores) Intel® Core™ i7-4610M with Intel HD Graphics 4600 (3.0 GHz, 4 MB cache, 2 cores) Intel® Core™ i5-4340M with Intel HD Graphics 4600 (2.9 GHz, 3 MB cache, 2 cores) Intel® Core™ i5-4210M with Intel HD Graphics 4600 (2.6 GHz, 3 MB cache, 2 cores)
Memory	32 GB DDR3L-1600 SDRAM (32 GB maximum memory with quad-core processor. 16 GB maximum memory with dual-core processor.)
Chipset	Mobile Intel® QM87
Hard disc	A wide range of SATA or Solid State Drive disks
Expansion Bays	1 ExpressCard/54; 1 SD; 1 smart card reader (SD supports next generation security digital and is backward compatible to SDHC, SDXC)
Graphics	Integrated: Intel HD Graphics 4600 Discrete: NVIDIA Quadro K610M (1 GB GDDR5 dedicated); NVIDIA Quadro K1100M (2 GB GDDR5 dedicated); NVIDIA Quadro K2100M (2 GB GDDR5 dedicated); AMD FirePro 5100M (2 GB dedicated GDDR5)
Network	Integrated Intel I217-LM Gigabit Network Connection
Storage CD-ROM	Blu-ray R/RE DVD+/-RW SuperMulti DL; Blu-ray ROM DVD+/-RW SuperMulti DL; DVD+/-RW SuperMulti DL
Operating System	Windows 7 Professional 64bit, Windows 8.1 Pro 64bit
USB	2x USB 3.0; 1x USB 2.0; 1x USB 3.0 charging port

Product Details in tested sample

Product	HP ZBook 15 G2
Processor	Intel Core i5-4340M Dual Core
Memory	8GB 1600MHz DDR3L 1DM
Hard disc	500GB 7200RPM
Graphics	NVIDIA Quadro K1100M Graphics
Network	Integrated Intel I217-LM Gigabit Network Connection (10/100/1000) Intel 7260AN abgn 2x2 +BT 4.0 LE WW
Storage CD-ROM	DVD+/-RW, Supermulti DL
Operating System	Windows 8.1 Pro 64bit

Engineering

Configuration and installation	None
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HP ZBook 15 G2

Industrial^{IT} Certification



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Set new performance curve with the HP ZBook 15 G2.

Reduce boot up, calculation, and graphics response and revolutionize how your HP ZBook 15 G2 handles large files with the HP Z Turbo Drive, a remarkably fast and innovative storage solution.* Connect in a flash from your HP ZBook 15 G2 with 4X USB 3.0 speeds and enhance productivity with a high-performance Thunderbolt™ 2 port. And optimize your mobile workstation for peak performance with HP Performance Advisor that configures your system with updated settings and drivers to help maximize performance. Now it's easier than ever to work smarter.

The HP ZBook 15 G2 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.- Worldwide 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
✓	Investment Enhancement through Evolution <ul style="list-style-type: none">- Continuous development of components to fit in existing Hewlett Packard product family.