

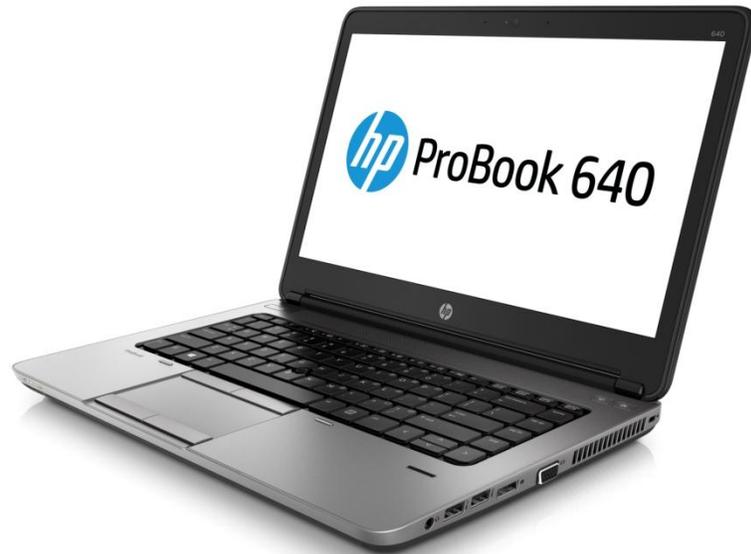
Data sheet

Agency - HP ProBook 640 G1 Notebook PC



QEB2016-A

Take on tasks in the office or on the road with a durable HP ProBook 640 G1 Notebook PC. This ProBook is thin, light and packed with productivity features to make work faster and easier. Plus, reliable security solutions keep your data out of the wrong hands.



HP ProBook 640 G1 Notebook PC

Thinner, tougher taskmaster.

- Get the technology you trust from HP, with cutting-edge style that looks and feels the way you want.
- Join forces with the latest generation technology and legacy features your business demands on a new thinner HP ProBook for in the office or on the go.
- Protect existing IT investments with support for existing legacy features such as an optical drive, VGA and RJ45 connectors.
- Passed MIL-STD 810G testing for drop, vibration, functional shock, dust, humidity, altitude, high temperature, low temperature, temperature shock, and ESD.¹
- Enjoy a desktop experience on your ProBook with the HP 90W Docking Station.

Convenient Control

- Protect data, devices and identities with HP Client Security² and use HP Trust Circles³ to make sure only assigned contacts can access critical files.
- Keep sensitive information in safe hands. HP Trust Circles³ protects your data by ensuring that only approved contacts can access critical files.

Stay up and running

- HP BIOS Protection⁴ offers enhanced protection against virus attacks to the BIOS and other security threats, and is designed to help prevent data loss and reduce downtime.
- Maintain a productive system environment with stable and consistent images, managed lifecycle transitions and Global Series support you can rely on.



Specifications

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D9R63AV

Operating System⁵	Windows 7 Enterprise 64-bit (available through downgrade rights from Windows 10 Enterprise 64-bit) Preloaded 64-bit SDC 3.x with Office Suite (Default)	
Processor	4th Generation Intel® Core™ i5-4210M with Intel® HD Graphics 4600 (2.6 GHz/3.2 GHz Turbo, 3 MB cache, 2 cores/4 threads) ⁶	
Memory	8 GB (1x8 GB) DDR3L PC3L-12800 (1600 MHz), 2 slots; max capacity 16 GB ⁷	
Display	14" diagonal LED-backlit HD+ anti-glare SVA flat (1600 x 900); 250 nits ⁸	
Hard Drive⁹	500 GB 5400 rpm FIPS 140-2 Certified Self Encrypting Drive (SED), NIST Certificate 1451; ATA-8, SATA 2.6, 3.0 Gb/s	
Graphics	Integrated Intel® HD ⁸ Graphics 4600 with 1 VGA and 1 DisplayPort. Included DisplayPort M to DVI F Adapter	
Communications	Integrated Intel® I218LM Gigabit Network Connection; Intel® Dual Band Wireless-AC 7260 802.11 ac (2x2), WiFi + Bluetooth® 4.0 Combo Adaptor where Wireless LAN and Bluetooth® can be independently disabled in the BIOS. ¹⁰	
Power	Dual voltage (110-240V 50/60 Hz) autosensing; 65W AC adapter; 6-cell Lithium-Ion Primary battery (55 WHr)	
Warranty	4 year next business day on-site with storage media and memory component retention	
EPEAT®	Gold	
Security	Trusted Computing Group certified Trusted Platform Module (TPM) version 1.2 - Infineon SLB9635TT1.2, BIOS protection as identified in NIST SP 800-147, BIOS settings comply.	
Removeable Media	SATA SuperMulti DL Drive, DVD+/-R 8X, DVD+RW 8X, DVD-RW 6X, CD-R 24X, CD-RW 24X, DVD +/- R DL 6X	
Audio	HD Audio with DTS Sound+™ optimized for high fidelity audio; Dual digital microphone array (2) when equipped with webcam.	
I/O Ports and Connectors	Ports: (3) USB 3.0, (1) USB 3.0 charging port, (1) DisplayPort 1.2, (1) VGA, (1) Stereo microphone input, (1) Headphone/line out, (1) RJ-45 (Ethernet), (1) Docking connector, (1) Power Connector; Expansion Slots: Media Card Reader - supports SD, SDHC, SDXC; Fingerprint Reader, External CAC Reader (SCR3310 v2.0)	
Dimensions (W x D x H)	13.39 x 9.33 x 0.99 in (front) / 1.14 in (rear)	
Weight	Starting at 4.69 lb with optical drive	
Options	Part Number	Description
	N4P44AV#ABA	Windows 10 Enterprise 64-bit ¹¹ 64-bit SDC 5.x with Office suite
	N4P44AV#ABA	OEM Windows 10 Pro 64-bit ¹¹ (Non-Network Use Only) - USAF will allow system to be restored through restore partition that resides on hard drive. In the event of a hard drive failure, the USAF will allow restore media to be provided without customer requesting it.
	N4P50AV#ABA / N5S95AV / E1L77AV / E1L82AV#ABA	OEM Windows 7 Professional 64-bit (available through downgrade rights from Windows 10 Pro 64-bit) ¹² (Non-Network Use Only)

Options (continued)	Part Number	Description
	B2Q65AV#ABA	HP 90W Docking Station: 1 DisplayPort 1.2, 1 VGA, and 1 DVI-D connector; 4 USB 3.0 ports (3 Always-On, 1 powered); HP 90W Smart AC Adapter; Audio and Ethernet ports, Line-in jack, headphone jack; DisplayPort to DVI adapter included in base
	A772373 (Open-Market)	E-100BTX-FX-05(MT) 100BTX TO 100BFX STANDALONE MTRJ
	A970668 (Open-Market)	AT-MMC200/SC60 10/100TX to 100FX/SC Fast Ethernet mini media converter with multi-mode SC fiber connector
	A970667 (Open-Market)	AT-MMC200/ST60 10/100TX to 100FX/ST Fast Ethernet mini media converter with multi-mode ST fiber connector
	A435445 (Open-Market)	E-100BTX-FX-05(LC) 100BASE-TX RJ-45 TO 100BASE-FX 1300NM MMF LC 2KM media converter
	A909829 (Open-Market)	M/GE-T-SX-01 1000BASE-T RJ-45 TO 1000BASE-SX 850NM MM SC 220M media converter
	AY103AV (Open-Market)	HP Standard PC BIOS Settings Service (Disable Audio)
	AY103AV (Open-Market)	HP Standard PC BIOS Settings Service (Disable Wireless)
	AY103AV (Open-Market)	HP Standard PC BIOS Settings Service (Disable Webcam & Microphone) - where applicable. There is no webcam in the base unit for Agency - ONB specification.



- 1 MIL STD 810G testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- 2 HP Client Security requires Windows.
- 3 HP Trust Circles Standard, when included, allows up to 5 Trust Circles with up to 5 contacts in each Trust Circle. Optional Trust Circles Professional required for unrestricted number of Trust Circles.
- 4 HP Tools partition with HP BIOS required for automatic recovery.
- 5 This system is preinstalled with Windows 7 Enterprise software and also comes with a license and media for Windows 10 Enterprise software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
- 6 Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- 7 Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
- 8 HD content required to view HD images.
- 9 For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16GB (for Windows 7) of system and up to 36GB (for Windows 8 and 10) disk is reserved for system recovery software.
- 10 Wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.
- 11 Not all features are available in all editions or versions of Windows 10. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows 10 functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.com>.
- 12 This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

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