eDatasheet HP EliteBook 840 G6 Healthcare Edition Notebook PC (7MS50UT)



Safer, smarter, and secured for healthcare

Deploy a mobile powerhouse built to your security, collaboration, and workflow efficiency requirements with the HP EliteBook 840 G6 Healthcare Edition Notebook. It's ready for your infrastructure and can be sanitized.[1,2]



HP recommends Windows 10 Pro.

Promote safety

Support your infection control initiatives with a system that can be sanitized every shift, every day[2] and is bed bug treatable[4]. It's also certified to meet EN/IEC 60601-1-2 technical standards for safety near patients and medical devices.

Simplify tasks with a smart design

Streamline clinical activities with telemedicine features and integrated asset management.

Security where it matters most

Shield your system against potential data and visual hacking with the full HP Sure security software suite, a webcam shutter, HP Sure View Gen2 privacy screen, and built-in IR camera.

Featuring

Let nothing stand in your way

Power through your day with Windows 10 Pro and the powerful security, collaboration and connectivity features from HP. $^{\rm [3]}$

Automatic recovery from firmware attacks

Firmware attacks can completely devastate your PC. Stay protected with HP's self-healing BIOS - HP Sure Start Gen5 automatically recovers the BIOS from malware, rootkits, or corruption.

Protect critical security processes

To get control of your PC, attackers first need to take down its defenses. Keep critical security protections up and running and prevent unwanted changes to security settings with HP Sure Run Gen2, which provides resilience against attacks.

Recovery simplified

Advanced malware attacks can destroy your OS and disrupt your business. HP Sure Recover Gen2 ensures fast, secure, and automated recovery of your OS with only a network connection, so you can minimize downtime and get back to business fast. ^[5]

Browse confidently

Help protect your PC from websites and read only Microsoft Office and PDF attachments with embedded malware, ransomware, or viruses with hardware-enforced security from HP Sure Click. [6]

Specifications

Operating system	Windows 10 Pro 64
Processor family	8th Generation Intel® Core™ i5 processor
Memory	8 GB DDR4-2400 SDRAM (1 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB M.2 SATA SED SSD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 620
Display	35.56 cm (14") diagonal FHD IPS anti-glare WLED-backlit touch screen with HP Sure View Integrated Privacy Screen, 700 nits, 72% NTSC (1920 x 1080)
Display	14" diagonal FHD IPS anti-glare WLED-backlit touch screen with HP Sure View Integrated Privacy Screen, 700 nits, 72% NTSC (1920 x 1080) ^[14,16,17]
Display size (diagonal)	35.56 cm (14")
Display size (diagonal)	14"
Audio features	Bang & Olufsen, dual stereo speakers, 3 multi array microphone
Minimum dimensions (W x D x H)	32.6 x 23.43 x 1.91 cm
Minimum dimensions (W x D x H)	12.84 x 9.22 x 0.71 in
Weight	Starting at 1.62 kg (Weight will vary by configuration.)
Weight	Starting at 3.56 lb (Weight will vary by configuration.)
Keyboard	HP Premium Collaboration Keyboard, spill-resistant, backlit
Pointing device	Clickpad with multi-touch gesture support, taps enabled as default
Input devices	Ambient light sensor; Hall effect
Camera	HD IR webcam
Ports	2 USB 3.1 Gen 1 (1 charging); 1 Thunderbolt™ (USB Type-C™ connector); 1 RJ-45; 1 HDMI 1.4b; 1 headphone/microphone combo; 1 docking connector; 1 AC power (HDMI cable sold separately.)
Expansion slots	1 smart card reader
Wireless	Intel® Dual Band Wireless-AC 9560 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo, vPro™
Power	HP Smart 65 W External AC power adapter ^[35,36]
Battery type	HP Long Life 3-cell, 50 Wh Li-ion
Energy efficiency	ENERGY STAR® certified
Management features	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen3 ^[19,20]
Environmental	Low halogen; TCO 8.0 Certified
Security management	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Fingerprint Sensor; HP Secure Erase; Power-on authentication; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; Windows Defender; HP Sure Start Gen5; HP Sure Run Gen2; HP Sure Recover Gen2; HP BIOSphere Gen5; HP Client Security Gen5; HP Sure Sense ^[21,22,23,24,25,26,27,28,29,30,31,32,33]
Warranty	HP Services offers 3-year and 1-year limited warranties and 90 day software support options depending on country and the SKU selected by the customer. Batteries have a default one year limited warranty except for Long Life batteries which will have same 1-year or 3-year limited warranty as the platform. On-site service and extended coverage is also available with HP Care Pack Services, optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: http://www.hp.com/go/cpc. ^[37]

Accessories and services

No Recommended Accessories and Services

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Messaging Footnotes

[1] Safer and smarter based on HP Healthcare Edition products compared to other HP products as of June 2019 based on ability to be cleaned with sanitizing agents listed in the user guide and EN 60601-1-2:2015 testing. Excludes HP 2017 platforms.

[2] See user guide for cleaning instructions. The HP EliteBook 840 G6 Healthcare Edition Notebook is not intended for use in diagnosis, cure, treatment or prevention of disease or other medical conditions.

[3] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 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.windows.com.

[4] Tested with Nuvan ProStrip.

[5] Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.

[6] HP Sure Click supports Microsoft[®] Internet Explorer and Chromium[™]. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

Technical Specifications Footnotes

[14] HD content required to view HD images.

[16] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[17] HP Sure View integrated privacy screen is an optional feature that must be configured at purchase. It is only available on non-touch models and is designed to function in landscape orientation.

[19] HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement.

[20] HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement.

[21] Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: http://www.absolute.com/company/legal/agreements/ computrace-agreement. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.

[22] HP Automatic Drive Lock is not supported on NVMe drives.

[23] HP Fingerprint Sensor sold separately or as an optional feature.

[24] HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel[®] Optane[™].

[25] Firmware TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT). TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).

[26] HP Sure Click is available on select HP platforms and supports Microsoft Internet Explorer, Google ChromeTM, and ChromiumTM. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

[27] Windows Defender Opt in and internet connection required for updates.

[28] HP Sure Start Gen5 is available on select HP PCs with Intel processors. See product specifications for availability.

[29] HP Sure Run Gen2: See product specifications for availability.

[30] HP Sure Recover Gen2: See product specifications for availability. Requires an open, wired network connection. Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data. HP Sure Recover (Gen1) does not support platforms with Intel[®] Optane[™].

[31] HP BIOSphere Gen5 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.

[32] HP Client Security Manager Gen5 requires Windows and is available on the select HP Pro and Elite PCs. See product specifications for details.

[33] HP Sure Sense requires Windows 10. See product specifications for availability.

[35] Recharges the battery up to 50% within 30 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.

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