eDatasheet

# HP EliteBook 835 G7 Notebook PC (1W8Y1UT)

## Move through your day with confidence

Ease through your multi-task, multi-place day with the beautifully designed, powerful, highly secure HP EliteBook 835. Created for people on the move, this thin and light laptop helps people confidently connect and stay productive in almost any setting.



HP recommends Windows 10 Pro for business

**Designed for comfort**
Easy to carry from meeting to meeting, the ultrathin and light 13.3-inch diagonal HP EliteBook 835 boasts an 84-percent screen-to-body ratio. It also includes a new keyboard and clickpad that are quiet and comfortable to work on.

**Work with peace of mind**
Security features from HP work together to create an always-on, always-acting, resilient defense. From the BIOS to the browser, above and below the OS, these constantly evolving solutions help protect your PC from threats.

**Easy connections**
How we work is evolving quickly. Help drive connectivity and productivity with a premium AMD Ryzen™ PRO processor[2] with Radeon™ VEGA graphics, Wi-Fi 6[4], and long battery life.

## 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. [1]

**Pure performance**
Take on your work with an efficiently powerful, highly secure, and reliable 2nd Gen AMD Ryzen™ PRO processor with Radeon™ VEGA graphics designed for a highly responsive experience that helps secure your data, device, and identity. [2]

**HP Sure Sense**
Malware is evolving rapidly and traditional antivirus can't always recognize new attacks. Protect your PC against never-before-seen attacks with HP Sure Sense, which uses deep learning AI to provide exceptional protection against advanced malware.

**Fast and efficient wireless LAN**
Get gigabit speed Wi-Fi® with Wi-Fi 6 (802.11ax). [3]

**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. [5]

## Specifications

| | |
|---|---|
| **Operating system** | Windows 10 Pro 64 |
| **Processor family** | AMD Ryzen™ 7 processor |
| **Processor** | AMD Ryzen™ 7 PRO 4750U APU with Radeon™ Graphics (1.7 GHz base clock, up to 4.2 GHz max boost clock, 8 MB L3 cache, 8 cores)[6,7] |
| **Memory** | 8 GB DDR4-3200 SDRAM (2 x 4 GB) |
| **Memory Slots** | 2 SODIMM |
| **Internal Storage** | 256 GB PCIe® NVMe™ TLC SSD |
| **Optical drive** | Not included |
| **Graphics** | Integrated |
| **Graphics (integrated)** | AMD Radeon™ Graphics |
| **Display** | 33.8 cm (13.3") diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC |
| **Display** | 13.3" diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC[12,15,16,41] |
| **Display size (diagonal)** | 33.8 cm (13.3") |
| **Display size (diagonal)** | 13.3" |
| **Audio features** | Audio by Bang & Olufsen, dual stereo speakers, 3 multi array microphone |
| **Minimum dimensions (W x D x H)** | 30.78 x 20.46 x 1.79 cm (non-touch); 30.78 x 20.46 x 1.9 cm (touch) |
| **Minimum dimensions (W x D x H)** | 12.12 x 8.05 x 0.71 in (non-touch); 12.12 x 8.05 x 0.75 in (touch) |
| **Weight** | Starting at 1.25 kg (non-touch); Starting at 1.36 kg (touch)<br>*(Weight will vary by configuration.)* |
| **Weight** | Starting at 2.76 lb (non-touch); Starting at 3.01 lb (touch)<br>*(Weight will vary by configuration.)* |
| **Keyboard** | HP Premium Keyboard – spill-resistant, backlit keyboard |
| **Pointing device** | Clickpad with multi-touch gesture support |
| **Input devices** | Ambient light sensor; Hall sensor |
| **Camera** | 720p HD IR camera |
| **Ports** | 2 USB Type-C® (Alt mode); 1 USB 3.1 Gen 1 (charging); 1 USB 3.1 Gen 1; 1 headphone/microphone combo; 1 HDMI 2.0; 1 AC power<br>*(HDMI cable sold separately.)* |
| **Expansion slots** | 1 external SIM; 1 smart card reader[7] |
| **Wireless** | Intel® Wi-Fi 6 AX200 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds) |
| **Power** | HP Smart 65 W EM External AC power adapter[35] |
| **Battery type** | HP Long Life 3-cell, 53 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; Ivanti Management Suite; HP Manageability Integration Kit Gen4[18,19,20] |
| **Environmental** | Low halogen; TCO 8.0 Certified |
| **Security management** | Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; Power-on authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; Windows Defender; HP BIOSphere Gen5; HP Sure Sense; BIOS Update via Network; HP Client Security Manager Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure Recover Gen3[21,22,23,24,25,26,27,28,29,30,31,32,33] |
| **Software included** | HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; HP Support Assistant; Buy Office (Sold separately); HP JumpStarts; HP WorkWell[17] |
| **UPC number** | (ABA) 195122579357; (ABL) 195122579340 |
| **Warranty** | HP Services offers 1-year or 3-year limited warranty 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.[36] |

## Top Recommended Displays, Accessories and Services

| | |
|---|---|
| **E-Series** | |
| HP E24d G4 FHD Advanced Docking Monitor | 6PA50AA |
| HP E27d G4 QHD Advanced Docking Monitor | 6PA56AA |
| **EliteDisplays** | |
| HP EliteDisplay E243 23.8-inch Monitor | 1FH47AA |
| **Docking Stations** | |
| HP USB-C Dock G5 | 5TW10AA |
| HP Thunderbolt Dock 120W G2 | 2UK37AA |
| HP USB-C Travel Hub G2 | 7PJ38AA |
| **Cases** | |
| HP 14.1 Business Slim Top Load | 2SC65AA |
| **Keyboard and Mouse Kits** | |
| HP Wireless Rechargeable 950MK Mouse and Keyboard | 3M165AA |
| **Mice** | |
| HP Bluetooth Travel Mouse | 6SP30AA |
| **AC Adapters** | |
| HP 65W USB-C Slim Travel Power Adapter | 3PN48AA |
| HP 65W Smart AC Adapter | H6Y89AA |
| **PC Locks** | |
| HP Sure Key Cable Lock | 6UW42AA |

## Messaging Footnotes

[1] 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.

[2] Multi-core 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. AMD's numbering is not a measurement of clock speed.

[3] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the PC to communicate with other 802.11ax devices. Wi-Fi® supporting gigabit speeds is achievable with Wi-Fi 6 (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

[4] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ax devices.

[5] 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

[6] Multi-core 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. AMD's numbering is not a measurement of clock speed.

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

[12] HD content required to view HD images.

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

[16] HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

[17] HP Support Assistant requires Windows and Internet access.

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

[19] Ivanti Management Suite subscription required.

[20] HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html.

[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 Drive Lock & Automatic Drive Lock is not supported on NVMe drives.

[23] 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™.

[24] 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).

[25] HP Sure Click requires Windows 10 and supports Microsoft Internet Explorer, Google Chrome™, 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.

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

[27] HP BIOSphere Gen5 is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.

[28] HP Sure Sense requires Windows 10.

[29] HP Client Security Manager Gen6 requires Windows and is available on the select HP Elite and Pro PCs.

[30] HP Sure Start Gen6 is available on select HP PCs.

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