HP ProBook 635 Aero G7 Notebook PC (2W8S5EA)



Overview

Easy to carry, and ready for business

The ultralight HP ProBook 635 Aero can go everywhere with you without weighing you down. With a sleek design, powerful business security, and connectivity this stunning business laptop keeps users productive around the home or office.

Take it anywhere

Ultralight and with long battery life, the easy to carry HP ProBook 635 Aero business laptop helps keep users connected and productive in the office or when working from home.

A beautifully designed business laptop

Utilizing recycled aluminum and magnesium, the all metal design of the HP ProBook 635 Aero is an ultralight, durable PC with aerodynamic edges, a quiet keyboard, and security and privacy options to match the needs of each user.

Fast and responsive performance

The HP ProBook 635 Aero is equipped with the latest AMD Ryzen™ processor[7] and has connected modern standby to get you back to work in seconds. Wirelessly transfer documents, photos and more from your phone with HP QuickDrop.[8]

Features

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]

Fast and efficient wireless LAN

The portability of your PC and the reliability of a fast connection determines where you can work. Get a fast and reliable connection in dense wireless environments with gigabit-speed Wi-Fi 6.[2]

Automatic recovery from firmware attacks

Firmware attacks can completely devastate your PC. Stay protected with HP's self-healing BIOS - HP Sure Start Gen6 automatically recovers the BIOS from malware, rootkits, or corruption.

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.

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.[3]

Work without interruption

Keep productivity high and downtime low with the fully integrated and automated features of the HP BIOSphere Gen5 firmware ecosystem. Your PCs have extra protection thanks to automatic updates and security checks.

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[7] 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.

[8] Requires Internet access and Windows 10 PC preinstalled with HP QuickDrop app and either an Android device (phone or tablet) running Android 7 or higher with the Android HP QuickDrop app, and /or an iOS device (phone or tablet) running iOS 12 or higher with the iOS HP QuickDrop app.

[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] 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.

[3] 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.

Specifications

Operating system	Windows 10 Pro 64
Processor family	AMD Ryzen™ 3 processor
Processor	AMD Ryzen™ 3 4300U (2.7 GHz base clock, up to 3.7 GHz max boost clock, 4 MB L3 cache, 4 cores)[6,7]
Memory	8 GB DDR4-3200 SDRAM (1 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ 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, 400 nits, 72% NTSC
Display	13.3" diagonal, FHD (1920 x 1080), IPS, anti-glare, 400 nits, 72% NTSC[12,16,17,18]
Display size (diagonal)	33.8 cm (13.3")
Audio features	Dual stereo speakers, dual array microphone
Minimum dimensions (W x D x H)	30.76 x 20.45 x 1.79 cm
Weight	Starting at 0.99 kg *(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[15]
Camera	720p HD camera
Ports	2 Super Speed USB Type-A 5Gbps signaling rate (1 charging); 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™); 1 headphone/microphone combo; 1 HDMI 2.0; 1 AC power *(HDMI cable sold separately.)*
Wireless	Intel® AX200 Wi-Fi 6 (2x2) and Bluetooth® 5 combo, non-vPro®
Power	45 W USB Type-C™ adapter[34,35]
Battery type	HP Long Life 3-cell, 53 Wh Li-ion
Battery weight	204 g
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[21,22]
Sustainable impact specifications	Low halogen; TCO Certified

Security management	Absolute persistence module; HP DriveLock and Automatic DriveLock; 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 BIOSphere Gen5; HP Sure Sense; BIOS Update via Network; Master Boot Record Security; Support for chassis padlocks and cable lock devices; HP Client Security Manager Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure Recover Gen3; HP Sure Admin; HP Pro Security Edition[23,24,25,26,27,28,29,30,31,32,33,39,41]
Software included	HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; HP Support Assistant; Buy Office (Sold separately); HP Power Manager; HP WorkWell; myHP; HP Privacy Settings; HSA Fusion for Commercial; HSA Telemetry for Commercial; Touchpoint Customizer for Commercial; HP Notifications[19,20]
UPC number	(ABD) 195697198618; (ABE) 195697357886
Warranty	1 year (1-1-0) limited warranty and service offering includes 1 year of parts and labor. Terms and conditions vary by country. Certain restrictions and exclusions apply.[35]

Additional specifications

Battery life note	Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes.
Brightness	400 nits
Color gamut	72% NTSC
Datasheet photo 1	AHID/e5b508b8c292f77380a3495cf81b958416b69499
Datasheet photo 2	Publication logos/HP_Care_Pack_RGB_blue_NT.jpg
Datasheet photo 3	AHID/489a8e94d724effc7df35a879beda2dec70c9161
Datasheet photo 4	AHID/9973af8c07a2685899872f55376809db827c80e2
Datasheet photo 5	AHID/6b6455b234aa0920d5cd75db89660e1c7731ec14
Display	33.8 cm (13.3") diagonal FHD display
Display	13.3" diagonal FHD display
ECC memory	No
Fingerprint reader	Fingerprint reader
Legal tagline	HP recommends Windows 10 Pro for business
MDA key selling point	Windows 10 or other operating systems available
Memory and storage	8 GB memory; 256 GB SSD storage
Memory layout (slots & size)	1 x 8 GB
Memory module type	DIMM
Memory size	8
Memory size uom	GB
Memory speed	3200
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	1
Processor Brand	AMD
Processor base frequency	2.7
Processor base frequency uom	GHz
Processor cache	4 MB L3
Processor core	4
Processor family	Ryzen™ 3
Processor maximum frequency	3.7
Processor maximum frequency uom	GHz
Processor model	4300U

Processor speed	2.7 GHz
Processor threads	8
Product brand name	HP
Sales office and telephone number	Albania: +49 89 9396 1803; Algeria: +213 (0) 61 68 23 00; Austria: +43 (0) 810 00 60 80; Bahrain: 800 171; Belgium: +32 (02) 729 71 11; Bulgaria: +359 2 969 87; Bosnia-Herzegovina: +49 89 9396 1803; Commonwealth of Independent States (CIS): +(095) 923 50 01; Croatia: +385 1 606 02 00; Czech Republic: +420 261 108 108; Denmark: +45 48 12 10 00; HP East Africa, Authorized Consultant: +254 20 27 16 111; Egypt: HP +202 792 5070 ; Estonia: +372 6 813 820; Finland: HP Myyntipalvelu 010 217 2700; France: +33 (0) 826 800 400; Germany: +49 (0) 180 532 62 22; Greece: +30 801 11 22 55 47; Hungary: +36 (1) 382 11 11; Iceland: +354 (1) 67 10 00; Ireland: +353 1 615 82 00; Israel: +972 9 830 48 48; Italy: Prodotti +39 02 92607 330, Servizio HP Care Pack: +39 02 9212 2040; Kazakhstan & Kyrgyzstan: +7 327 2 58 43 43; Latvia: +371 703 07 00; Lithuania: +370 5 2103 300; Luxembourg : (+352) 263 160 34 Macedonia: +49 89 9396 1803; Malta: +49 89 9396 1803; Middle East (Within UAE Toll Free): 800 45 20; Moldova: +49 89 9396 1803; Morocco (African Region): Call Centre +212 22 40 47 47, HP Sale Office +212 22 97 37 37/+212 22 43 64 00; Netherlands: 0800 266 7272; Nigeria: + 234 13 205 241/3; Norway: +47 24 09 70 00; Poland: 0 801 522 622 and/or 00 48 22 565 77 00 (calls are charged at national rates); Portugal: +351 808 200 808 (end user welcome desk for commercial products) ; Romania: +40 (21) 303 83 00; Saudi Arabia: (Toll free) 800 897 14 33, Office Number: +96612731200; Serbia and Montenegro: +381 11 201 99 00; Slovakia: 0800 147 147; Slovenia: +386 1 230 74 20; Spain: +34 (91) 631 16 00; Sweden: +46 200 27 00 00; Switzerland: Pre-sales/product information +41 (0) 848 88 44 66, Spare parts, manuals +41 (0) 848 84 74 64; Tunisia: +216 1 89 12 22; Turkey: +90 (212) 444 79 79; UAE (Toll Free): 800 45 20; UAE (Toll Free): 800 45 20 or 800 49 10; Ukraine: +380 44 490 61 20 ; United Kingdom: HP Teleweb Glasgow +44 (0) 845 270 40 00
Service description	HP 3 year Next Business Day Onsite Hardware Support for Notebooks
Services (Care Pack)	Receive 3 years of next business day onsite HW support from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.
Standard memory note	Transfer rates up to 3200 MT/s.
Storage capacity 01	256
Storage capacity uom 01	GB
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
Touchscreen	No

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[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] Sensors are sold separately or as an optional feature.

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

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

[18] Actual brightness will be lower with touchscreen or Sure View.

[19] HP Connection Optimizer requires Windows 10.

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

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

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

[23] Absolute firmware module is shipped turned off and can only be activated with the purchase a license subscription and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. Certain conditions apply. For full details visit: https://www.absolute.com/about/legal/agreements/absolute/

[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.

[26] HP Sure Click requires Windows 10 Pro or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.

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

[28] 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.

[29] HP Sure Sense requires Windows 10 or Enterprise.

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

[31] HP Sure Run Gen3 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.

[32] HP Sure Admin requires Windows 10, HP BIOS, HP Manageability Integration Kit from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

[33] HP Fingerprint sensor is an optional feature that must be configured at purchase.

[34] Supports HP Fast Charge with 65W AC Adapter. 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.

[35] Availability may vary by country.

[39] HP Sure Recover Gen3: 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™.

[41] HP Pro Security Edition is available preloaded on AVs of select HP PCs and includes HP Sure Click Pro and HP Sure Sense Pro. 3-year license required. The HP Pro Security Edition software is licensed under the license terms of the HP End User License Agreement (EULA) that can be found at:https://h30670.www3.hp.com/ecommerce/common/disclaimer.do#EN_US as modified by the following: "7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Pro Security Edition (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue

for thirty-six (36) months thereafter (“Initial Term”). At the end of the Initial Term you may either (a) purchase a renewal license for the HP Pro Security Edition from HP.com, HP Sales or an HP Channel Partner, or (b) continue using the standard versions of HP Sure Click and HP Sure Sense at no additional cost with no future software updates or HP Support.” HP Pro Security Edition is optimized for the SMB environment and ships pre-configured - manageability is optional. The HP Pro Security Edition supports a limited tool set that can be used by the HP Manageability Integration Kit which can be downloaded from http://www.hp.com/go/clientmanagement.

Accessories

Batteries/Chargers/Adapters

★ : Recommended

Power Adapters

HP 65W USB-C Power Adapter	**1HE08AA ★**	

Connectivity Adapters

HP 4.5 mm and USB-C Dock Adapter G2	6LX61AA	

AC Adapters

HP 65W USB-C Slim Travel Power Adapter	3PN48AA	
HP AC Adapter	1P3K6AA	

Power Packs

HP USB-C Essential Power Bank	3TB55AA	

Cases and Covers

Backpacks

HP Recycled Series 15.6-inch Backpack	**5KN28AA ★**	obsolete
HP 17.3 Business Backpack	**2SC67AA ★**	
HP Executive 15.6 Backpack	6KD07AA	
HP Executive 17.3 Backpack	6KD05AA	
HP Prelude Pro Recycled Backpack	1X644AA	

Cases

HP Executive 15.6 Top Load	**6KD06AA ★**	
HP 13.3 Business Sleeve	2UW00AA	
HP 14.1 Business Sleeve	2UW01AA	
HP 14.1 Business Slim Top Load	2SC65AA	
HP 15.6 Business Top Load	2SC66AA	
HP 17.3 Business Roller Case	2SC68AA	
HP 17.3 Business Slim Top Load	2UW02AA	
HP All in One Carry On Luggage	7ZE80AA	
HP Business Ladies Tote (up to 15.6-inch)	3NP79AA	
HP Executive 14.1 Slim Top Load	6KD04AA	

HP Executive 14.1 Tote	6KD10AA
HP Executive 15.6 Leather Top Load	6KD09AA
HP Executive 17.3 Top Load	6KD08AA
HP Prelude Pro Recycled Top Load	1X645AA
HP Recycled Series 15.6-inch Top Load	5KN29AA
Recycled Series 14-inch Top Load	7ZE83AA

Security and Protection

PC Locks

HP Sure Key Cable Lock	**6UW42AA ★**
HP Nano Keyed Cable Lock	1AJ39AA
HP Nano Keyed Dual Head Cable Locks	1AJ41AA
HP Nano Master Keyed Cable Lock	1AJ40AA

Keyboards/Mice and Input Devices

Keyboard and Mouse Kits

HP Wired Desktop 320MK Mouse and Keyboard	**9SR36AA ★**
HP Slim USB Keyboard and Mouse	T6T83AA
HP Slim Wireless Keyboard and Mouse	T6L04AA
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA

Mice

HP Bluetooth Travel Mouse	**6SP30AA ★**
HP X4000b Bluetooth Mouse	**H3T50AA ★**
HP 3-button USB Laser Mouse	H4B81AA
HP Comfort Grip Wireless Mouse	H2L63AA
HP Elite Presenter Mouse	2CE30AA
HP Essential USB Mouse	2TX37AA
HP USB Fingerprint Mouse	4TS44AA
HP USB Premium Mouse	1JR32AA
HP Ultra Mobile Wireless Mouse	H6F25AA
HP Wired Desktop 320M Mouse	9VA80AA
HP Wireless Premium Mouse	1JR31AA
USB Travel Mouse	G1K28AA

Keyboards

HP USB Collaboration Keyboard	Z9N38AA	obsolete
HP Wired Desktop 320K Keyboard	9SR37AA	
HP Wireless (Link-5) Keyboard	T6U20AA	
HP Wireless Collaboration Keyboard	Z9N39AA	

Cabinets and Stands

Carts

HP 20 Mgd Charging Cart V2	T9E83AA
HP 30 Mgd Charging Cart V2	T9E85AA

Notebook Stands

HP Hot Desk 2nd Monitor Arm	W3Z74AA
HP Hot Desk Stand	W3Z73AA

Monitor Stands

Monitor Stand	M9X76AA

PC Drives and Storage

PC Solid State Drives

HP 256 GB PCI-e 3x4 NVMe M2 Solid State Drive	1D0H6AA
HP 512 GB PCI-e 3x4 NVMe M2 Solid State Drive	1D0H7AA

PC DVD Drives

HP External USB DVDRW Drive	F2B56AA

Docking and Port Replicators

Docking Stations

HP Elite USB-C Hub	4WX89AA
HP Thunderbolt Dock 120W G2 with Audio	3YE87AA
HP Thunderbolt Dock G2 with Combo Cable	3TR87AA
HP USB-C Mini Dock	1PM64AA
HP USB-C Travel Hub G2	7PJ38AA

Docking Accessories

HP Thunderbolt Dock Audio Module	3AQ21AA

Port Replicators

HP USB 3.0 to Gigabit LAN Adapter	N7P47AA

Cables/Cable Kits/Cable Adapters

Audio and Video Cables

HP HDMI to DVI Adapter	F5A28AA

Cable Adapters

HP Thunderbolt 120W G2 Cable	3XB94AA
HP Thunderbolt Dock G2 Combo Cable	3XB96AA
HP USB-C to DP Adapter	N9K78AA
HP USB-C to HDMI 2.0	1WC36AA
HP USB-C to USB 3.0 Adapter	N2Z63AA
HP USB-C to USB-A Hub	Z6A00AA
HP USB-C to VGA Adapter	N9K76AA

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Adapter	H4F02AA

Audio/Multimedia and Communication Devices

Headsets

HP Stereo 3.5mm Headset	T1A66AA
HP Stereo USB Headset	T1A67AA
HP UC Wireless Duo Headset	W3K09AA

Phones

HP UC Speaker Phone	4VW02AA

Expansion Solution and Controller Cards

Port Adapters

HP USB-C to 4.5 mm Adapter	4ST73AA

Software

Application Software

★ : Recommended

Desktop Application Software

Microsoft Office 2016 Home and Business Software	X7Q47AA	obsolete
Microsoft Office 2016 Home and Student Software	X7Q46AA	obsolete

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