



HP ZBook 15u G6 Mobile Workstation (8GH07UT)

Overview



ZBook performance, smaller than ever

Our thinnest, lightest 15" ZBook ever provides true portability for people who push their typical office computer past the breaking point. Whether in the office or out in the field, you have room to work with a large screen and full-size numeric keypad.

Designed for road warriors

Weighing in at less than 4 lbs[1], you get high performance without the weight. And with the latest connectivity[2] and security features, you don't have to worry about losing your connection or compromising your valuable data when you're on the move.

See more. Do more.

With 15 diagonal inches of screen real estate, you can work in multiple tabs and windows for maximized productivity. And with a full-size numeric keypad, you can get through data-driven tasks in no time.

Power user performance

Say goodbye to slowdowns. Power through your projects and cut through your workload with 8th Gen Intel® processors and 50% faster graphics than our last gen. Open large files and run multiple apps for speedy multitasking and productivity.

Features

Windows 10 Pro 64

Work without compromising on performance or security with Windows 10 Pro, powered by HP's collaboration and connectivity technology.

Intel® Core™ i7 processor

Run several CPU-heavy programs simultaneously without sacrificing performance with an Intel® Core™ i7 processor.^[3]

AMD Radeon™ Pro WX 3200 graphics card

Get reliable performance on today's most popular design, manufacturing and AEC apps with AMD Radeon™ Pro WX 3200 graphics. Easily handle workflows using small to medium assemblies with simple parts.

HP Z Turbo Drive High-speed Storage

Work without limits in any location with local PCIe storage that's up to 6x faster than SATA SSD, and up to 21x faster than traditional HDD storage.^[4]

Military Standard Testing

Our ZBooks are designed for rigorous military standard testing including drop, shock and harsh environments. Now you can take your work on the road with confidence knowing your laptop was built for durability.^[5]

HP Fast Charge

Ultra-fast recharge takes you from zero to 50% charge in just 30 minutes.^[6]

[1] Weight will vary by configuration.

[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 notebook to communicate with other 802.11ax devices.

[3] 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, branding and/or naming is not a measurement of higher performance.

[4] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB (for Windows 10) of system disk is reserved for system recovery software.

[5] Testing is not intended to demonstrate fitness of U.S. Department of Defense (DoD) contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[6] 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.

Specifications

Operating system	Windows 10 Pro 64
Processor family	8th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-8565U with Intel® UHD Graphics 620 (1.8 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores)
Memory	16 GB DDR4-2400 SDRAM (1 x 16 GB)
Memory Slots	2 SODIMM
Internal Storage	512 GB PCIe® NVMe™ SSD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 620
Display	39.6 cm (15.6") diagonal FHD IPS anti-glare WLED-backlit with HP Sure View integrated privacy screen, 1000 nits, 72% NTSC (1920 x 1080)
Display	15.6" diagonal FHD IPS anti-glare WLED-backlit with HP Sure View integrated privacy screen, 1000 nits, 72% NTSC (1920 x 1080) [11,33,34,36,37]
Display size (diagonal)	39.6 cm (15.6")
Display size (diagonal)	15.6"
Audio features	Audio by Bang & Olufsen, dual stereo speakers, HP World Facing Microphone dual array digital microphone, functions keys for volume up and down, combo microphone/headphone jack, HD audio
Minimum dimensions (W x D x H)	37.08 x 25.1 x 1.86 cm
Minimum dimensions (W x D x H)	14.6 x 9.91 x 0.72 in
Weight	Starting at 1.77 kg <i>(Weight varies by configuration and components.)</i>
Weight	Starting at 3.89 lb <i>(Weight varies by configuration and components.)</i>
Keyboard	HP Premium Collaboration Keyboard, full-size, spill-resistant, backlit, with DuraKeys and function key control
Pointing device	Clickpad with multi-touch gestures enabled, taps enabled as default
Camera	HP Privacy HD Camera 720p
Ports	1 USB 3.1 (charging)
Expansion slots	1 smart card reader
Ports	1 power connector; 1 RJ-45; 1 USB 3.1 Gen 1; Ultra Slim Dock Connector; 1 HDMI 1.4b; 1 headphone/microphone combo; 1 USB Type-C™ (Thunderbolt™ 3)
Network interface	Intel® Dual Band Wi-Fi 6 AX200 (2x2) and Bluetooth® 5 combo, non-vPro™
Power	HP Smart 65 W EM External AC Power Adapter
Battery type	HP Long Life 3-cell, 56 Wh Li-ion polymer

Battery recharge time

Supports battery fast charge: approximately 50% in 30 minutes

Energy efficiency

ENERGY STAR® certified

Environmental

Low halogen

Security management

Absolute persistence module; HP Device Access Manager; HP FingerPrint Sensor; HP Power On Authentication; Security lock slot; Trusted Platform Module TPM 2.0 Embedded Security Chip; Master Boot Record security; Pre-boot authentication; Microsoft Security Defender; HP Manageability Integration Kit Gen2; HP BIOSphere Gen5; HP Sure Start Gen5; HP Secure Erase; HP Client Security Manager Gen5; HP Support Assistant; HP Sure Recover Gen2; HP Sure Recover with Embedded Reimaging Gen2^[24,25,26,31,38,40,42,43,44,45,46]

Additional specifications

Accessories	HP Z24n G2 24-inch Display, 1JS09A8; HP Thunderbolt Dock 230W G2, 2UK38AA; HP Essential Top Load Case (up to 15.6"), H2W17AA; HP Comfort Grip Wireless Mouse, H2L63AA; 65W Slim AC Adapter, H6Y82AA; HP 3 year Next Business Day Onsite Hardware Support w/Accidental Damage Protection-G2 for Notebooks, UC282E (for 1 year platforms) UC279E (for 3 year platforms)
Additional information about HP in the countries	hp.com
Display	15.6" diagonal Full HD display
Display	39.6 cm (15.6") diagonal Full HD display
Graphic card footnote number	[12,32]
Graphics	Discrete
Graphics (discrete)	AMD Radeon™ Pro WX 3200 (4 GB GDDR5 dedicated)
I/O Port location	Right side
I/O Port location	Left side
Legal tagline	HP recommends Windows 10 Pro.
MDA key selling point	Windows 10 Pro or other operating systems available
Memory and storage	16 GB memory; 512 GB SSD storage
Processor speed	1.8 GHz
Standard memory note	Transfer rates up to 2400 MT/s.
Storage type	SSD
UNSPSC code	43211503

[11] UHD content required to view UHD images.

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

[25] 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.

[26] HP Support Assistant requires Windows and Intel® 8th generation processors.

[31] Microsoft Defender Opt in and internet connection required for updates.

[33] HP Sure View Gen3 is optional and must be configured at purchase.

[34] HP Sure View Gen3 available in 2nd half of 2019.

[36] Sold separately or as an optional feature.

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

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

[40] Security lock slot is Lock sold separately.

[42] 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™.

[43] HP Sure Recover with Embedded Reimaging Gen2 is an optional feature which must be configured at purchase. See product specifications for availability. Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before use to avoid loss of data. HP Sure Recover with Embedded Reimaging (Gen1) does not support platforms with Intel® Optane™.

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

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

[46] 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™.

Accessories

Cases and Covers

Cases

HP 17.3 Business Slim Top Load	2UW02AA	
HP 15.6 Executive Brown Backpack	P6N22AA	obsolete
HP 20 Hard Case Wheeled Luggage	5MS48AA	
HP Executive Black Leather 15.6 Top Load	1LG83AA	
HP 15.6 Business Top Load	2SC66AA	
HP Exec 15.6 Midnight Top Load	1KM15AA	
HP Slim Professional Top Load Case	F3W15AA	
HP Essential Messenger Case	H1D25AA	
HP 17.3 Business Roller Case	2SC68AA	
HP 15.6 Prelude Top Load with Mouse Bundle	2MW64AA	
HP Executive 17.3 Top Load	6KD08AA	
HP Essential Top Load Case	H2W17AA	
HP 15.6 Executive Brown Top Load	P6N19AA	obsolete
HP Slim Professional Messenger	F3W14AA	
HP Prelude Top Load 15.6	2MW62A6	
HP Executive 15.6 Top Load	6KD06AA	
HP Prelude Top Load 15.6	2MW62AA	
HP Executive 15.6 Leather Top Load	6KD09AA	
HP Business Ladies Tote (up to 15.6-inch)	3NP79AA	
HP All in One Carry On Luggage	7ZE80AA	

Backpacks

HP Prelude Backpack 15.6 Bulk	2MW63A6	
HP Exec 15.6 Midnight Backpack	1KM16AA	
HP Exec 17.3 Midnight Backpack	1KM17AA	
HP 17.3 Business Backpack	2SC67AA	
HP Recycled Series 15.6-inch Backpack	5KN28AA	
HP Executive 17.3 Backpack	6KD05AA	
HP Essential Backpack	H1D24AA	
HP Prelude Backpack 15.6	2MW63AA	
HP Executive 15.6 Backpack	6KD07AA	

HP Slim Backpack

F3W16AA

Covers

HP Slim 15.6-inch Sleeve

F8A00AA

Audio/Multimedia and Communication Devices

Headsets

HP Stereo 3.5mm Headset

T1A66AA

HP UC Wireless Duo Headset

W3K09AA

HP Stereo USB Headset

T1A67AA

HP UC Wired Headset

K7V17AA

HP UC Wireless Mono Headset

W3K08AA

Phones

HP UC Speaker Phone

4VW02AA

Keyboards/Mice and Input Devices

Mice

HP 3-button USB Laser Mouse

H4B81AA

HP USB Fingerprint Mouse

4TS44AA

HP Comfort Grip Wireless Mouse

H2L63AA

USB Travel Mouse

G1K28AA

HP Wireless Premium Mouse

1JR31AA

HP Ultra Mobile Wireless Mouse

H6F25AA

HP X4000b Bluetooth Mouse

H3T50AA

HP Slim Bluetooth Mouse

F3J92AA

HP USB Premium Mouse

1JR32AA

HP Elite Presenter Mouse

2CE30AA

HP Essential USB Mouse

2TX37AA

HP Bluetooth Travel Mouse

6SP30AA

Keyboards

HP Wireless Collaboration Keyboard

Z9N39AA

HP USB Collaboration Keyboard

Z9N38AA

HP Conferencing Keyboard

K8P74AA

Keyboard and Mouse Kits

HP Slim Wireless Keyboard and Mouse	T6L04AA
HP Wireless (Link-5) Keyboard	T6U20AA
HP Slim USB Keyboard and Mouse	T6T83AA
HP USB Essential Keyboard and Mouse	H6L29AA

Docking and Port Replicators

Port Replicators

HP USB Travel Dock	TOK30AA
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Docking Stations

HP USB-C Dock G5	5TW10AA
HP Thunderbolt Dock 120W G2	2UK37AA
HP UltraSlim Docking Station	D9Y32AA
HP Thunderbolt Dock G2 with Combo Cable	3TR87AA
HP USB-C Universal Dock with 4.5 mm and USB Dock Adapter	2UF95AA
HP USB-C Premium Hub	4WX89AA
HP USB-C Mini Dock	1PM64AA
HP USB-C/A Universal Dock G2	5TW13AA
HP Thunderbolt Dock 120W G2 with Audio	3YE87AA
HP Thunderbolt Dock 230W G2	2UK38AA
HP USB-C Universal Dock	1MK33AA
HP USB-C Dock G5	5TW10UT
HP USB-C/A Universal Dock G2	5TW13UT
HP USB-C Universal Dock	1MK33UT
HP USB-C Mini Dock	1PM64UT

Docking Accessories

HP Thunderbolt Dock Audio Module	3AQ21AA
HP Thunderbolt Dock Audio Module	3AQ21UT
HP USB-C Universal Dock Non Flash	3DV65AA

Batteries/Chargers/Adapters

Connectivity Adapters

HP 4.5mm and USB Dock Adapter	2NA11AA
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Power Adapters

HP 45W USB-C G2 Power Adapter	1HE07AA
HP 65W USB-C Power Adapter	1HE08AA

AC Adapters

HP 45W Smart AC Adapter	H6Y88AA
HP 65W Smart AC Adapter	H6Y89AA
HP 65W Slim AC Adapter	H6Y82AA

Power Packs

HP USB-C Essential Power Bank	3TB55AA
HP USB-C Notebook Power Bank	2NA10AA

Cables/Cable Kits/Cable Adapters

Cable Adapters

HP USB-C to DP Adapter	N9K78AA
HP USB-C to VGA Adapter	N9K76AA
HP Thunderbolt 120W G2 Cable	3XB94AA
HP USB-C to USB 3.0 Adapter	N2Z63AA
HP Thunderbolt Dock G2 Combo Cable	3XB96AA
HP Thunderbolt 230W G2 Cable	3XB95AA
HP USB-C to HDMI 2.0	1WC36AA
HP USB-C to USB-A Hub	Z6A00AA

Cabinets and Stands

Monitor Stands

HP Adjustable Dual Display Stand	AW664AA
Monitor Stand	M9X76AA

Carts

HP 30 Mgd Charging Cart V2	T9E85AA
HP 32U Essential Charging Cart	1HC89AA
HP 20 Mgd Charging Cart V2	T9E83AA

Notebook Stands

HP Hot Desk 2nd Monitor Arm	W3Z74AA
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HP Hot Desk Stand	W3Z73AA
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HP Dual Hinge II Notebook Stand	E8F99AA
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Notebook and Monitor Stands

HP Adjustable Display Stand	AW663AA
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PC Drives and Storage

PC Solid State Drives

HP 2TB TLC PCIe 3x4 NVMe M.2 Solid State Drive	6SL00AA
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HP 128 GB TLC 2280 M.2 Solid State Drive	2JB95AA
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HP 256 GB SED TLC SATA- 3 M.2 SSD	3JP90AA
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HP 1TB TLC PCIe 3x4 NVMe M.2 Solid State Drive	6SK99AA
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HP 256 GB TLC PCIe 3x4 NVMe M.2 Solid State Drive	1FU87AA
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HP 512 GB TLC PCIe 3x4 NVMe M.2 Solid State Drive	1FU88AA
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PC DVD Drives

HP External USB DVDRW Drive	F2B56AA
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PC SATA Hard Drives

HP 500GB 7200rpm SATA Hard Drive	F3B97AA	obsolete
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Security and Protection

PC Locks

HP Combination Lock	TOY15AA
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HP Dual Head Master Cable Lock 10 mm	T1A65AA
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HP Docking Station Cable Lock	AU656AA
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HP Master Keyed Docking Station Cable Lock	AY474AA
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HP Essential Combination Lock	TOY16AA
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HP Master Keyed Cable Lock 10mm	T1A63AA
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HP Dual Head Keyed Cable Lock 10 mm	T1A64AA
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HP Keyed Cable Lock 10 mm	T1A62AA
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HP Sure Key Cable Lock	6UW42AA
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HP Essential Keyed Cable Lock	TOY14AA
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HP Nano Keyed Dual Head Cable Locks	1AJ41AA
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HP Nano Keyed Cable Lock	1AJ39AA
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HP Nano Master Keyed Cable Lock

1AJ40AA

Privacy Filter

HP 15.6-inch Touchable Privacy Filter

3KP53AA

Memory

DDR4 Memory

HP 8 GB 2666 MHz DDR4 Memory

4VN06AA

HP 4 GB 2666 MHz DDR4 Memory

4VN05AA

HP 32GB 2666MHz DDR4 N-ECC

6NX83AA

HP 16 GB 2666 MHz DDR4 Memory

4VN07AA

HP 16 GB 2666 MHz DDR4 Memory

4VN07UT

Network Adapters

Wireless LAN

HP lt4132 LTE/HSPA+ 4G WWAN

1HC91AA

HP XMM™ 7360 LTE-Advance WWAN

3FB01AA

Expansion Solution and Controller Cards

Port Adapters

HP USB-C to 4.5 mm Adapter

4ST73AA

Software

Application Software

Desktop Application Software

Microsoft Office 365 Home 6MW78AA	6MW78AA
Microsoft Office Home and Student 2019 for PC	6MW81AA
MS Office Home and Business 2019 for PC 6MW82AA	6MW82AA
Microsoft Office 365 Business Premium	6MW80AA
Microsoft Office 365 Personal 6MW79AA	6MW79AA

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