



HP ZBook Power 16 inch G11 A Mobile Workstation PC (A45B3UT)



Overview

Step up performance. Not size.

Upgrade to professional ZBook performance and security at an unbelievably affordable price. Power up your productivity on this durable yet premium device—delivering enhanced collaboration features and pro-grade components to run pro software apps for CAD, 3D concepting, modeling, rendering and more.

Power through professional workflows

Blaze through 3D workloads with an integrated or discrete GPU,[1] AMD® CPU,[4] and large memory configurations.

Durable all-aluminum chassis

Designed to pass rigorous military standard testing[2] this PC is built to last with a distinctly premium touch.

Connect. Communicate. Collaborate

Collaborate effectively with ZBook Power. The 5MP camera,[1] Wi-Fi 6E,[5] and a long lasting battery[6] let you seamlessly connect.

Help protect our shared future with PCs that drive towards increasing sustainability

At HP, we care about the impact our products have on our people, communities, and the planet. That's why this device is EPEAT® Gold registered[11] and the outer box packaging is 100% sustainably sourced[12].

Features

Windows 11

Work anywhere without compromising on performance or security with Windows 11 powered by HP's collaboration and connectivity technology.

AMD® Ryzen™ processor

Bring your ideas to life quickly and effectively with the latest AMD® Ryzen™ processors.

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.^[5]

Spill-resistant Keyboard

Accidents happen - which is why we designed our keyboard with a drain hole, so minor spills flow out the bottom for easy cleanup.

Wi-Fi 6E

Get a fast and reliable connection in dense wireless environments with Wi-Fi 6E^[6]

Industry-leading security features

Advanced security features come standard. System safeguards like HP Sure Start – the industry's first self-healing BIOS – mean your device is locked down tight, so your data and identity are too.

[1] Optional feature that must be configured at purchase.

[2] 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.

[4] 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. AMD's numbering is not a measurement of clock speed.

[11] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

[12] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.

[5] 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.

[6] Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported.

Specifications

Operating system	Windows 11 Pro
Processor family	AMD Ryzen™ 7 processor
Processor	AMD Ryzen™ 7 8845HS (up to 5.1 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) ^[6,7]
Memory	16 GB DDR5-5600 MHz RAM (2 x 8 GB)
Memory Slots	2 SODIMM; supports dual channel
Internal Storage	512 GB PCIe® Gen4 NVMe™ TLC M.2 SSD
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ 780M Graphics
Display	40.6 cm (16") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC
Display	16" diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC ^[11,21,23,24]
Display size (diagonal)	40.6 cm (16")
Display size (diagonal)	16"
Audio	Audio by Poly Studio, dual stereo speakers, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio
Minimum dimensions (W x D x H)	35.94 x 25.1 x 2.29 cm (Dimensions vary by configuration)
Minimum dimensions (W x D x H)	14.15 x 9.21 x 0.9 in (Dimensions vary by configuration)
Weight	Starting at 2.04 kg (Weight varies by configuration and components.)
Weight	Starting at 4.5 lb (Weight varies by configuration and components.)
Keyboard	Spill-resistant, backlit keyboard with numeric keypad
Pointing device	Clickpad with multi-touch gesture support, taps enabled as default
Camera	5 MP IR camera
Ports	1 USB Type-A 5Gbps signaling rate (charging); 1 HDMI 2.1; 1 headphone/microphone combo; 1 power connector; 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1)
Ports	1 USB Type-A 5Gbps signaling rate; 1 RJ-45; 1 SD 4.0 card reader; 1 nano security lock slot; 1 SIM card slot
Package dimensions (W x D x H)	552 x 69 x 345 mm
Wireless	Realtek Wi-Fi 6E RTL8852CE (2x2) and Bluetooth® 5.3 wireless card
Power	150 W Slim Smart external AC power adapter ^[20]

Battery type	HP Long Life 6-cell, 83 Wh Li-ion polymer
Ecolabels	TCO Certified
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Low halogen; Bulk packaging available; External power supply 90% efficiency; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 60% post-consumer recycled plastic
UPC number	198415223395
Manufacturer Warranty	1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Additional specifications

Additional information about HP in the countries	hp.com
Available software	HP Smart Support
Battery brand	HP
Battery capacity	83
Battery capacity uom	Wh
Battery cells number	6
Battery life	Long Life
Battery type	Li-ion polymer
Bluetooth version	Bluetooth® 5.3
Camera Infrared	IR
Camera resolution	5
Camera resolution uom	MP
Color gamut	45% NTSC
Datasheet photo 1	AHID/1a2698600519b9763d730c1bf729d5a9c813cffc
Datasheet photo 3	AHID/1ab0ef4ecdf7640b99fe37b9e0133f26bc363820
Datasheet photo 4	AHID/520f0775f0b5bd1cd291240f78f3fc195cc28672
Datasheet photo 5	AHID/da4281e8e1d1e1edb512982a081e2a8a54944230
Display	40.6 cm (16") diagonal WUXGA display
Display	16" diagonal WUXGA display
Display brightness	300
Display brightness uom	nits
Display panel technology	IPS
Display resolution (pixels)	1920 x 1200
Display resolution standard	WUXGA
Display size (diagonal) uom	"
Display size (diagonal, imperial)	16
Display size (diagonal, metric)	40.6
Display size (diagonal, metric) uom	cm
Display surface treatment	Anti-glare
Display touchscreen type	Touch screen
External I/O ports footnote number	[6]

Fingerprint reader	Fingerprint sensor
I/O Port location	Left side
I/O Port location	Right side
Keyboard backlight	backlit
Keyboard features	Spill-resistant
Keyboard keypad	Numeric keypad
Legal tagline	HP recommends Windows 11 Pro for business
Manageability Features 1	HP Client Catalog (download)
Manageability Features 2	HP Client Management Script Library (download)
Manageability Features 3	HP Cloud Recovery
Manageability Features 4	HP Connect for Microsoft Endpoint Manager
Manageability Features 5	HP Driver Packs (download)
Manageability Features 6	HP Image Assistant Gen5 (download)
Manageability Features 7	HP Manageability Integration Kit (download)
Manageability Features 8	HP Patch Assistant (download)
Manageability Features footnote number 3	[46]
Manageability Features footnote number 7	[30]
Manageability Features footnote number 8	[43]
Memory and storage	16 GB memory; 512 GB SSD storage
Memory layout (slots & size)	2 x 8 GB
Memory module type	SODIMM
Memory size	16
Memory size uom	GB
Memory slots footnote	[8,10,32]
Memory speed	5600
Memory speed uom	MHz
Memory type	DDR5
Number of memory slots	2
Package dimensions (W x D x H)	21.73 x 2.71 x 13.58 in
Playbook TS icon OS	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png
Playbook TS icon battery life	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png
Playbook TS icon connectivity	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png
Playbook TS icon dimensions NB	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08250394.png
Playbook TS icon display NB	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08205649.png

Playbook TS icon graphics	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png
Playbook TS icon memory	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png
Playbook TS icon processor	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png
Playbook TS icon storage	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png
Playbook TS icon weight imperial	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png
Playbook TS icon weight metric	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png
Processor Brand	AMD
Processor cache	16 MB L3
Processor core	8
Processor family	Ryzen™ 7
Processor maximum frequency	5.1
Processor maximum frequency uom	GHz
Processor model	8840HS
Processor threads	16
Product long name specifications	HP ZBook Power 16 inch G11 A Mobile Workstation PC, 16", Touch screen, Windows 11 Pro, AMD Ryzen™ 7, 16GB RAM, 512GB SSD, WUXGA
Product short name specifications	HP ZBook Power 16 inch G11 A Mobile Workstation PC, 16", AMD Ryzen™ 7, 16GB RAM, 512GB SSD
Security Software Licenses	HP Wolf Pro Security Edition (1 year)
Security management	Secured-Core PC Enable
Security management	HP Sure Recover Gen6
Security management	HP Sure Admin
Security management	HP Client Security Manager
Security management	Windows Hello Enhanced Sign-in Security (ESS) Enable
Security management	HP Sure Click
Security management	HP Sure Run Gen5
Security management	HP Sure Sense
Security management	HP Sure Start Gen7
Security management	HP Tamper Lock
Security management footnote number	[34]
Security management footnote number	[39]
Security management footnote number	[19]
Security management footnote number	[49]

Security management footnote number	[44]
Security management footnote number	[38]
Security management footnote number	[50]
Software included	HP Smart Support
Software included	HSA Fusion for Commercial
Software included	Buy Microsoft Office (sold separately)
Software included	HP Support Assistant
Software included	HP MAC Address Manager
Software included	Adobe offer
Software included	Poly Lens
Software included	HP PC Hardware Diagnostics UEFI
Software included	HP Easy Clean Keyboard Driver
Software included	HP Connection Optimizer
Software included	myHP
Software included	HP Privacy Settings
Software included	HP Power Manager
Software included	HP PC Hardware Diagnostics Windows
Software included	Bing search for IE11
Software included	HP Easy Clean
Software included	Hotkey support
Software included	HP Notifications
Software included	Copilot in Windows with Copilot key
Software included footnote number	[29]
Software included footnote number	[15]
Software included footnote number	[14]
Software included footnote number	[9]
Software included footnote number	[28]
Software included footnote number	[35]
Software included footnote number	[47]

Software included footnote number	[48]
Software included footnote number	[36]
Standard memory note	Transfer rates up to 5600 MT/s.
Storage capacity	512
Storage capacity uom 01	GB
Storage form factor 01	M.2
Storage interface 01	PCIe® Gen 4
Storage interface protocol 01	NVMe™
Storage memory technology 01	TLC
Storage type	SSD
Storage type 01	SSD
Touchscreen	Yes
UNSPSC code	43211503
Wireless Model	RTL8852CE
Wireless antenna	2x2
Wireless standard	Wi-Fi 6E
Wireless supplier	MediaTek

[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.

[11] 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.

[20] 150 W power adapter is only available with discrete graphic options.

[21] QHD content required to view QHD images.

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

[24] Actual brightness will be lower with HP Sure View or touch-screen.

Accessories for PC

Keyboards/Other Input Devices

★ : Recommended

Wireless Keyboards

HP 455 Programmable Wireless Keyboard	4R177AA ★
HP 475 Dual-Mode Wireless Keyboard	7N7B9AA ★
HP 975 Dual-Mode Wireless Keyboard	3Z726AA ★

Bags

Backpacks

HP Renew Business 17.3-inch Laptop Backpack	3E2U5AA ★
HP Renew Executive 16-inch Laptop Backpack	6B8Y1AA ★
HP Campus XL Marble Stone Backpack	7J592AA
HP Campus XL Tie Dye Backpack	7J593AA
HP Renew Business 17.3-inch Laptop Backpack	3E2U5UT
HP Renew Executive 16 Laptop Backpack	6B8Y1UT

Topload Bags

HP Renew Executive 16-inch Laptop Bag	6B8Y2AA ★
HP Renew Business 17.3-inch Laptop Bag	3E2U6AA
HP Renew Business 17.3-inch Laptop Bag	3E2U6UT

Mice/Pens/Other Pointing Devices

Wireless Mice

HP 935 Creator Wireless Mouse	1D0K8AA ★
HP 925 Ergonomic Vertical Mouse	6H1A5AA ★

Components/Upgrades

Memory

HP 32GB DDR5 5600MHz SODIMM Memory	83P92AA
HP 8GB DDR5 5600MHz SODIMM Memory	83P90AA

Port Replicators/Dongles/Docking

Cables/Cable Adapters/Dongles

HP 7.4 mm to 4.5 DC Dongle	K0Q39AA
HP HDMI to VGA Adapter	H4F02AA
HP HDMI to VGA Adapter	H4F02UT
HP Pavilion USB-C to HDMI 2.0 Adapter	2PC54AA
HP USB 3.0 to Gigabit RJ45 Adapter G2	4Z7Z7AA
HP USB 3.0 to Gigabit RJ45 Adapter G2	4Z7Z7UT
HP USB-C to DP Adapter	N9K78AA
HP USB-C to DP Adapter	N9K78UT
HP USB-C to DisplayPort Adapter G2	8Y8Y1AA
HP USB-C to HDMI 2.0	1WC36AA
HP USB-C to RJ45 Adapter G2	4Z527AA
HP USB-C to RJ45 Adapter G2	4Z527UT
HP USB-C to USB 3.0 Adapter	N2Z63AA
HP USB-C to USB 3.0 Adapter	N2Z63UT
HP USB-C to VGA Adapter	N9K76AA
HP USB-C to VGA Adapter	N9K76UT
HP USB-C to VGA Display Adapter	P7Z54AA

Port Replicators

HP USB-C to USB-A Hub	Z6A00AA
HP USB-C to USB-A Hub	Z6A00UT

Monitors

Business Monitors

★ : Recommended

Series 7 Pro

HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157AA ★
HP Series 7 Pro 23.8 inch FHD Monitor - 724pf	8X530AA
HP Series 7 Pro 24 inch WUXGA Monitor - 724pn	8X534AA
HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu	8Y2F7AA
HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm	8K135AA
HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk	8J9G2AA
HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8AA
HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu	8J9E6AA
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk	8Y2K9AA
HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu	8K167AA
HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor-740pm	8Y2R2AA

P-Series

HP P24v G5 FHD Monitor	64W18A6
HP P24v G5 FHD Monitor	64W18AA
HP P22 G5 FHD Monitor	64X86AA
HP P22h G5 FHD Monitor	64W30AA
HP P22v G5 FHD Monitor	64V81A6
HP P22v G5 FHD Monitor	64V81AA
HP P24 G5 FHD Monitor	64X66AA
HP P24h G4 FHD Monitor	9UJ13A8
HP P24h G5 FHD Monitor	64W34AA
HP P27 G5 FHD Monitor	64X69AA
HP P27h G5 FHD Monitor	64W41AA
HP P32u G5 QHD USB-C Monitor	64W51AA
HP P34hc G4 WQHD USB-C Curved Monitor	21Y56AA

E-Series

HP E22 G5 FHD Monitor	6N4E8AA
HP E24 G4 FHD Monitor	9VF99AA
HP E24 G5 FHD Monitor	6N6E9AA

HP E24 G5 FHD No Stand Monitor	6N6E9A9
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HP E24i G4 WUXGA Monitor	9VJ40AA
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HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AA
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HP E24mv G4 FHD Conferencing Monitor	169L0AA
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HP E24q G5 QHD Monitor	6N4F1AA
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HP E24t G5 FHD Touch Monitor	6N6E6AA
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HP E24u G4 FHD USB-C Monitor	189T0AA
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HP E24u G5 FHD USB-C Monitor	6N4D0AA
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HP E27 G5 FHD Monitor	6N4E2AA
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HP E27k G5 4K USB-C Monitor	6N4C4AA
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HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AA
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HP E27q G4 QHD Monitor	9VG82AA
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HP E27q G5 QHD Monitor	6N6F2AA
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HP E27q G5 QHD No Stand Monitor	6N6F2A9
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HP E27u G4 QHD USB-C Monitor	189T3AA
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HP E27u G5 QHD USB-C Monitor	6N4D3AA
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HP E32k G5 4K USB-C Monitor	6N4D6AA
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HP E34m G4 WQHD Curved USB-C Conferencing Monitor	40Z26AA
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HP E45c G5 DQHD Curved Monitor	6N4C1AA
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Value Displays

HP M24m Conferencing Monitor	678U5AA
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HP M27m Conferencing Monitor	678U8AA
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Business LCD Monitors

HP P204v 19.5-inch Monitor	5RD66AA
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Z Displays

HP Z24f G3 FHD Display	3G828AA
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HP Z24m G3 QHD Conferencing Display	4Q8N9AA
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HP Z24n G3 WUXGA Display	1C4Z5AA
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HP Z24q G3 QHD Display	4Q8N4AA
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HP Z24u G3 WUXGA USB-C Display	1C4Z6AA
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HP Z27k G3 4K USB-C Display	1B9T0AA
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HP Z27q G3 QHD Display	1C4Z7A9
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HP Z27q G3 QHD Display	1C4Z7AA
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HP Z27u G3 QHD Display	1B9X2AA
HP Z32k G3 4K USB-C Display	50U19AA
HP Z38c 37.5-inch Curved Display	Z4W65A8

HP Home Monitors

HP Value Displays

HP 24mh 23.8-inch Display	1D0J9AA
HP 27mq 27-inch Display	1F2J9AA
HP M22f FHD Monitor	2D9J9AA
HP M24f FHD Monitor	2D9K0AA
HP M24fw FHD Monitor	2D9K1AA
HP M24fwa FHD Monitor	34Y22AA
HP M32f FHD Monitor	2H5M7AA
HP M32fw FHD Monitor	6R6E6AA

HP Home Monitors

HP M27f FHD Monitor	2G3D3AA
HP M27fq QHD Monitor	2H4B5AA
HP M27fw FHD Monitor	2H1A4AA
HP M27fwa FHD Monitor	356D5AA
HP M27ha FHD Monitor	22H94AA
HP U28 4K HDR Monitor	1Z978AA
HP U32 4K HDR Monitor	368Y5AA
HP V20 HD+ Monitor	1H848AA
HP V22v G5 FHD Monitor	65P56AA
HP V24i G5 FHD Monitor	65P58AA
HP V24v G5 FHD Monitor	65P62AA
HP V27c G5 FHD Curved Monitor	65P60AA
HP V27i G5 FHD Monitor	65P64AA

Series 5

HP Series 5 23.8 inch FHD Height Adjust Monitor - 524sh	94C19AA
HP Series 5 23.8 inch FHD Monitor - 524sf	94C17AA
HP Series 5 23.8 inch FHD Monitor with Speakers - 524sa	94C36AA
HP Series 5 23.8 inch FHD White Monitor - 524sw	94C21AA

HP Series 5 27 inch FHD Height Adjust Monitor - 527sh	94C50AA
HP Series 5 27 inch FHD Monitor - 527sf	94F44AA
HP Series 5 27 inch FHD Monitor with Speakers - 527sa	94F48AA
HP Series 5 27 inch FHD White Monitor - 527sw	94F46AA
HP Series 5 31.5 inch FHD Monitor - 532sf	94F50AA

OMEN by HP Displays

OMEN 27u 4K Gaming Monitor	3G6W0AA
OMEN by HP 23.8 inch FHD 165Hz Gaming Monitor - OMEN 24	780D9AA
OMEN by HP 27 inch FHD 165Hz Gaming Monitor - OMEN 27	780F9AA
OMEN by HP 27 inch FHD 240Hz Gaming Monitor - OMEN 27s	780G5AA
OMEN by HP 27 inch QHD 165Hz Gaming Monitor - OMEN 27q	780H4AA
OMEN by HP 27 inch QHD 240Hz Gaming Monitor - OMEN 27qs	780J4AA
OMEN by HP 27 inch UHD 144Hz Gaming Monitor - OMEN 27k	780G8AA
OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c	780K6AA
OMEN by HP 31.5 inch QHD 165Hz Gaming Monitor - OMEN 32q	780K0AA
OMEN by HP 34 inch WQHD 165Hz Curved Gaming Monitor - OMEN 34c	780K8AA

Hybrid Work Solutions

Audio

★ : Recommended

Speakerphones

Poly Sync 20+ USB-C Speakerphone	772D0AA ★
Poly Sync 20 USB-C Speakerphone	7F0J7AA ★
Poly Sync 10 USB-A USB-C Speakerphone	772C3AA ★

Wireless Headset

Poly Voyager Surround 85 UC USB-C Headset +USB-C/A Adapter +Charging Stand	8G7T7AA ★
Poly Voyager Focus 2 USB-C-C Headset +USB-C/A Adapter	9T9J3AA ★
Poly Voyager 4320 USB-C Headset +BT700 dongle +Charging Stand	77Z31AA ★

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