HP OmniDesk Desktop M02-0310 PC (B5RQ9AA)



Overview

Powerful performance for your daily tasks

Balance performance and graphics with the HP OmniDesk Desktop PC. Harness the power of the AMD Ryzen™ Processor[1] with optional built-in AI capabilities for seamless multitasking and enjoy faster loading times with DDR5 memory. Enhance daily productivity on your home PC with the latest ports, including USB-C® and the easily accessible Copilot key[2].

Powerful performance for daily productivity

Tackle your demanding daily tasks with an AMD Ryzen™ Processor[1], fast load times and easy access Copilot key[2].

Sophisticated design that complements any space

The HP OmniDesk PC is designed with a modern, gray wood-inspired trim that complements any space.

Seamless connectivity for multi-device homes

Connect your devices with 10 USB ports, including USB-C®[4], and enjoy smooth online experiences with WiFi 6[3].

Designed for a better tomorrow

Designed using recycled metals and post-consumer recycled plastics[5].

Features

Windows 11

Get a fresh perspective

From a rejuvenated Start menu, to new ways to connect to your favorite people, news, games, and content—Windows 11 is the place to think, express, and create in a natural way.[6]

AMD Ryzen™ 8000 Series processors with AMD Radeon™ graphics

Unleash immense performance and graphic capabilities from AMD Ryzen™ 8000 Series processors. Designed for efficiency and optimized for high speed gameplay as well as next-gen responsiveness while providing a cool and quiet operation.[7]

AMD Radeon™ graphics

Whether it's games or movies, experience high performance for all your entertainment.

EPEAT® Gold with Climate+

With EPEAT® Gold with Climate+, you're choosing a movement towards responsibility and climate action.[8]

ENERGY STAR® certified

Save energy and money with ENERGY STAR®, certified by the EPA so you will use less energy and save money where it counts most.[9]

Design contains recycled metals and post-consumer recycled plastics

Built for a better tomorrow. Designed using recycled metals and post-consumer recycled plastics to reduce environmental impact and promote super energy efficiency.[10]

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[1] 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. NPU available on select models. Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third party software may have specific configuration or compatibility requirements. Potential NPU inferencing performance varies by use, configuration, and other factors.

[2] Copilot in Windows requires Windows 11. Some features require an NPU. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. Where Copilot is not available, the Copilot key will lead to the Bing search engine. See http://aka.ms/WindowsAIFeatures .

[3] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 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 Wi-Fi 6 devices. Only available in countries where 802.11ax is supported. Wi-Fi 6 (802.11ax) is not supported in Ukraine, Russia, and Indonesia where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).

[4] Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.

[5] Percentage of ocean-bound plastic contained in each component varies by product. Ocean Bound plastic is expressed as a percentage of the total weight plastic. Ocean Bound plastic is based on the definition set by the UL2809 standard. Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT standard for computers, IEEE 1680.1-2018 standard.

[6] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.

[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] EPEAT® Gold with Climate+ registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

[9] ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.

[10] Laptops manufactured with recycled ocean-bound plastic material in product speaker enclosures, recycled aluminum material in product cover and post-consumer recycled plastic in keycaps. Percentage of material contained in each component varies by product.

Specifications

Form factor	Customized
Operating system	Windows 11 Home
Product color	Gray wood, jack black chassis
Processor family	AMD Ryzen™ 5 processor
Processor	AMD Ryzen™ 5 8500G (up to 5.0 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads)[6,7]
Chipset	AMD B650
Memory	8 GB DDR5-5200 MT/s (1 x 8 GB)
Memory Slots	2 DIMM
Internal Storage	512 GB PCIe® Gen4 NVMe™ M.2 SSD
Product design	IMD
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Dimensions (W x D x H)	33.7 x 15.5 x 31.5 cm
Dimensions (W x D x H)	13.27 x 6.10 x 12.40 in
Weight	5.77 kg
Weight	12.72 lb
Keyboard	HP 510SP Black Wireless Keyboard and Mouse Combo
Video connectors	1 DisplayPort™ 1.4a; 1 HDMI-out 2.1
Ports	1 USB Type-C® 10Gbps signaling rate; 1 USB Type-C® 5Gbps signaling rate; 2 USB Type-A 10Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo
Expansion slots	2 M.2 (1 for SSD, 1 for WLAN)
Ports	4 USB 2.0 Type-A; 1 microphone; 1 RJ-45; 1 line in; 1 line out
Package dimensions (W x D x H)	49.9 x 40 x 28.7 cm
Package weight	9.02 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Realtek Wi-Fi 6 RTL8852BE-VT 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.4 wireless card
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	50% post-consumer recycled plastic; 20% recycled metal
Security management	Kensington Security lock slot; Padlock
Software included	McAfee Online Protection 30-day trial
Software - Productivity & finance	1 month trial for new Microsoft 365 customers[24]

Cloud service	25 GB Dropbox storage for 12 months[1]
UPC number	198990110516

Additional specifications

Bluetooth version	Bluetooth® 5.4
Color	Gray wood
Ecolabels	EPEAT® Gold with Climate+
Ethernet (RJ-45)	1
HDMI out – version	2.1
HDMI –out	1
I/O Port location	Rear
I/O Port location	Front
Keyboard connectivity	Wireless
Memory and storage	8 GB memory;512 GB SSD storage
Memory layout (slots & size)	1 x 8 GB
Memory size	8
Memory size uom	GB
Memory speed	5200
Memory speed uom	MT/s
Memory type	DDR5
Number of memory slots	1
Package dimensions (W x D x H)	19.65 x 15.75 x 11.30 in
Package weight	19.89 lb
Processor Brand	AMD
Processor cache	16 MB L3
Processor core	6
Processor family	Ryzen™ 5
Processor maximum frequency	5.0
Processor maximum frequency uom	GHz
Processor model	8500G
Processor socket	LGA1718
Processor threads	12
Product brand name	HP
Product long name specifications	HP OmniDesk Desktop M02-0310 PC, Windows 11 Home, AMD Ryzen™ 5, 8GB RAM, 512GB SSD, Gray wood
Product long name specifications V2	Windows 11 Home, AMD Ryzen™ 5, 8GB RAM, 512GB SSD, Gray wood

Product short name specifications	HP OmniDesk Desktop M02-0310 PC, AMD Ryzen™ 5, 8GB RAM, 512GB SSD
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 type	SSD
Storage type 01	SSD
UNSPSC code	43211507
USB Type-A	8
USB Type-C	2
Wireless antenna	2x2
Wireless standard	Wi-Fi 6
Wireless supplier	Realtek

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[1] 25 GB of free Dropbox storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at https://www.dropbox.com/help/space/hp-promotion. Internet service required and not included.

[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.

[24] Must activate within 180 days of Windows activation.

Monitors

Business Monitors

★ : Recommended

P-Series

HP P24v G5 FHD Monitor	64W18AA
HP P24v G5 FHD Monitor	64W18AS
HP P22a G5 FHD Monitor - P22a	8D5J1AA
HP P22b G5 FHD Monitor - P22b	8D5K4AA
HP P22h G5 FHD Monitor	64W30A7
HP P22h G5 FHD Monitor	64W30AA
HP P22h G5 FHD Monitor	64W30AS
HP P22v G5 FHD Monitor	64V81AS
HP P22v G5 FHD Value Monitor	7N909AT
HP P24a G5 FHD Monitor - P24a	8D5J5AA
HP P24h G4 FHD Monitor	7VH44AA
HP P24h G4 FHD Monitor	9UJ13A8
HP P24h G4 FHD Monitor	9UJ13AA
HP P24h G5 FHD Monitor	64W34A7
HP P24h G5 FHD Monitor	64W34AA
HP P24h G5 FHD Monitor	64W34AF
HP P24h G5 FHD Monitor	64W34AS
HP P24v G4 Monitor	9TT78AA
HP P24v G5 FHD Value Monitor	7N914AT
HP P27 G5 FHD Monitor	64X69A7
HP P27 G5 FHD Monitor	64X69AA
HP P27 G5 FHD Monitor	64X69AS
HP P27h G5 FHD Monitor	64W41A7
HP P27h G5 FHD Monitor	64W41AA
HP P27h G5 FHD Monitor	64W41AS
HP P34hc G4 WQHD USB-C Curved Monitor	21Y56A7
HP P34hc G4 WQHD USB-C Curved Monitor	21Y56AA
HP P34hc G4 WQHD USB-C Curved Monitor	21Y56AS

E-Series

HP E22 G5 FHD Monitor	6N4E8AA

HP E22 G5 FHD Monitor	6N4E8AS	
HP E22 G5 FHD Monitor	6N4E8E9	
HP E24 G4 FHD Monitor	9VF99A7	obsolete
HP E24 G4 FHD Monitor	9VF99AA	
HP E24 G4 FHD Monitor	9VF99AS	
HP E24 G4 FHD Monitor	9VF99AT	
HP E24 G5 FHD Monitor	6N6E9AA	obsolete
HP E24 G5 FHD Monitor	6N6E9AS	obsolete
HP E24 G5 FHD Monitor	6N6E9E9	obsolete
HP E24 G5 FHD Monitor (Made in VN) - E24	AG3A8AA	obsolete
HP E24 G5 FHD No Stand Monitor	6N6E9A9	obsolete
HP E24 G5 FHD PVC Free Monitor	6N6E9A5	obsolete
HP E24i G4 WUXGA Monitor	9VJ40A7	obsolete
HP E24i G4 WUXGA Monitor	9VJ40AA	
HP E24i G4 WUXGA Monitor	9VJ40AS	obsolete
HP E24i G4 Without Video Cable WUXGA Monitor	9VJ40A3	obsolete
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32A7	
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AA	
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AS	
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32E9	
HP E24mv G4 FHD Conferencing Monitor	169L0AA	
HP E24mv G4 FHD Conferencing Monitor	169L0AS	
HP E24mv G4 FHD Conferencing Monitor	169L0E9	
HP E24q G5 QHD Monitor	6N4F1AA	
HP E24q G5 QHD Monitor	6N4F1AS	
HP E24q G5 QHD Monitor	6N4F1E9	
HP E24q G5 QHD PVC Free Monitor	6N4F1A5	
HP E24t G5 FHD Touch Monitor	6N6E6AA	
HP E24t G5 FHD Touch Monitor	6N6E6AS	
HP E24t G5 FHD Touch Monitor	6N6E6E9	
HP E24u G5 FHD USB-C Monitor	6N4D0AA	
HP E24u G5 FHD USB-C Monitor	6N4D0AS	
HP E24u G5 FHD USB-C Monitor	6N4D0E9	
HP E24u G5 FHD USB-C PVC Free Monitor	6N4D0A5	
HP E27 G5 FHD Monitor	6N4E2AA	
HP E27 G5 FHD Monitor	6N4E2AL	

HP E27 G5 FHD Monitor	6N4E2AS	
HP E27 G5 FHD Monitor	6N4E2E9	
HP E27 G5 FHD PVC Free Monitor	6N4E2A5	
HP E27k G5 4K USB-C Monitor	6N4C4AA	
HP E27k G5 4K USB-C Monitor	6N4C4AS	
HP E27k G5 4K USB-C Monitor	6N4C4E9	
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29A7	
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AA	
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AS	
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29E9	
HP E27m G4 QHD USB-C Conferencing Monitor	B20C6AS	
HP E27q G4 QHD Monitor	9VG82A7	obsolete
HP E27q G4 QHD Monitor	9VG82AA	
HP E27q G5 QHD Monitor	6N6F2AA	obsolete
HP E27q G5 QHD Monitor	6N6F2AS	obsolete
HP E27q G5 QHD Monitor	6N6F2E9	obsolete
HP E27q G5 QHD Monitor	B20C7AS	obsolete
HP E27q G5 QHD No Stand Monitor	6N6F2A9	obsolete
HP E27q G5 QHD PVC Free Monitor	6N6F2A5	obsolete
HP E27u G5 QHD USB-C Monitor	6N4D3AA	
HP E27u G5 QHD USB-C Monitor	6N4D3AS	
HP E27u G5 QHD USB-C Monitor	6N4D3E9	
HP E27u G5 QHD USB-C PVC Free Monitor	6N4D3A5	
HP E32k G5 4K USB-C Monitor	6N4D6AA	
HP E32k G5 4K USB-C Monitor	6N4D6AS	
HP E32k G5 4K USB-C Monitor	6N4D6E9	
HP E32k G5 4K USB-C PVC Free Monitor	6N4D6A5	
HP E34m G4 WQHD Curved USB-C Conferencing Monitor	40Z26A7	
HP E34m G4 WQHD Curved USB-C Conferencing Monitor	40Z26AA	
HP E34m G4 WQHD Curved USB-C Conferencing Monitor	40Z26AS	
HP E34m G4 WQHD Curved USB-C Conferencing Monitor	40Z26E9	
HP E34m G4 WQHD Curved USB-C Conferencing Monitor	B20C5AS	
HP E45c G5 DQHD Curved Monitor	6N4C1AA	
HP E45c G5 DQHD Curved Monitor	6N4C1AS	
HP E45c G5 DQHD Curved Monitor	6N4C1E9	

Business LCD Monitors

HP P204v 19.5-inch Monitor	5RD66A7
HP P204v 19.5-inch Monitor	5RD66AA

Series 3 Pro

HP Series 3 Pro 21.45 inch FHD Monitor - 322pv	9U5A2A6
HP Series 3 Pro 21.45 inch FHD Monitor - 322pv	9U5A2AA
HP Series 3 Pro 21.45 inch FHD Monitor - 322pv	9U5A2AS
HP Series 3 Pro 21.5 inch FHD Monitor - 322pf	9U5B0AF
HP Series 3 Pro 21.5 inch FHD Monitor - 322pf	9U5B0AS
HP Series 3 Pro 21.5 inch FHD Monitor - 322pf	9U5B0UT
HP Series 3 Pro 23.8 inch FHD Monitor - 324pf	9U5J5AF
HP Series 3 Pro 23.8 inch FHD Monitor - 324pf	9U5J5AS
HP Series 3 Pro 23.8 inch FHD Monitor - 324pf	9U5J5UT
HP Series 3 Pro 23.8 inch FHD Monitor - 324pv	9U5C1A6
HP Series 3 Pro 23.8 inch FHD Monitor - 324pv	9U5C1AA
HP Series 3 Pro 23.8 inch FHD Monitor - 324pv	9U5C1AS

Series 5 Pro

HP Series 5 Pro 23.8 inch FHD Monitor - 524pf	9D9L6AL
HP Series 5 Pro 23.8 inch FHD Monitor - 524pf	9D9L6UT
HP Series 5 Pro 23.8 inch FHD Monitor - 524pf PVC Free	9D9L6A5
HP Series 5 Pro 23.8 inch FHD No Stand Monitor - 524pf	9D9L6A9
HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu	9D9V7AA
HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu	9D9V7AS
HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu	9D9V7E9
HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu PVC Free	9D9V7A5
HP Series 5 Pro 24 inch WUXGA Monitor - 524pn	9D9A7AA
HP Series 5 Pro 24 inch WUXGA Monitor - 524pn PVC Free	9D9A7A5
HP Series 5 Pro 27 inch QHD Monitor - 527pq	9D9S0UT
HP Series 5 Pro 27 inch QHD Monitor - 527pq PVC Free	9D9S0A5
HP Series 5 Pro 27 inch QHD No Stand Monitor - 527pq	9D9S0A9
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5AA
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5AS
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5E9
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu PVC Free	9E0G5A5

Series 7 Pro

HP Series 7 Pro 23.8 inch FHD Monitor - 724pf	8X530AA
HP Series 7 Pro 23.8 inch FHD Monitor - 724pf	8X530E9
HP Series 7 Pro 23.8 inch FHD Monitor - 724pf PVC Free	8X530A5
HP Series 7 Pro 24 inch WUXGA Monitor - 724pn	8X534AA
HP Series 7 Pro 24 inch WUXGA Monitor - 724pn	8X534E9
HP Series 7 Pro 24 inch WUXGA Monitor - 724pn PVC Free	8X534A5
HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu	8Y2F7AA
HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu	8Y2F7E9
HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu PVC Free	8Y2F7A5
HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm	8K135AA
HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm	8K135E9
HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm PVC Free	8K135A5
HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk	8J9G2AA
HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk	8J9G2E9
HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk PVC Free	8J9G2A5
HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8AA
HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8E9
HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8UT
HP Series 7 Pro 27 inch QHD Monitor - 727pq PVC Free	8J4D8A5
HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu	8J9E6E9
HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu	8J9E6UT
HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu PVC Free	8J9E6A5
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk	8Y2K9AA
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk	8Y2K9E9
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk PVC Free	8Y2K9A5
HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157E9
HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157UT
HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm PVC Free	8K157A5
HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu	8K167AA
HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu	8K167E9
HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu PVC Free	8K167A5
HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor - 740pm PVC Free	8Y2R2A5
HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor-740pm	8Y2R2AA
HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor-740pm	8Y2R2E9

Z Displays

HP Z24m G3 QHD Conferencing Display	4Q8N9A7
HP Z24m G3 QHD Conferencing Display	4Q8N9AA
HP Z24m G3 QHD Conferencing Display	4Q8N9AT
HP Z24m G3 QHD Conferencing Display	4Q8N9E9
HP Z24q G3 QHD Display	4Q8N4E9

HP Home Monitors

Series 3

HP Series 3 27 inch FHD Monitor - 327se	B7HS7AA

OMEN by HP Displays

OMEN Transcend 31.5 inch UHD 240Hz OLED Gaming Monitor - OMEN Transcend 32	9R181AA

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