



HP OmniDesk Desktop AI M03-0001a PC (B6QK4PA)

Overview



Intelligent performance for the most demanding daily tasks

The HP OmniDesk Desktop AI PC delivers optimal efficiency and performance for the most demanding daily tasks. Powered by the Intel® Core™ Ultra Processor[1] with built-in AI technology, it's set to power daily productivity with the latest ports, plenty of storage and DDR5 memory for faster boot times.



Power your daily productivity

Power daily tasks with an Intel® Core™ Ultra Processor with built-in AI[1], technology and plenty of storage.



Thoughtfully made desktop PC with a modern design

A desktop AI PC with a modern wood-inspired trim that blends seamlessly into any space.



Seamless connectivity for multi-device homes

Connect your devices to the latest USB ports and enjoy smooth online experiences with fast Wi-Fi technology.



Thoughtfully designed for a better tomorrow

HP OmniDesk Desktop AI PC is designed using recycled metals and post-consumer recycled plastics[3].

Features



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.^[4]



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.^[6]



Wi-Fi 6E (2x2) and Bluetooth® 5.3 wireless card

Enjoy faster speeds, improved performance, greater capacity and lower latencies than earlier iterations with Wi-Fi 6E and Bluetooth® 5.3 wireless card.^[8]



EPEAT® Gold with Climate+

With EPEAT® Gold with Climate+, you're choosing a movement towards responsibility and climate action.^[5]



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.^[7]



USB Type-C® 10Gbps signaling data rate

Plug in your external storage with this USB Type-C® port, featuring 10Gbps signaling data rate. And it's reversible, so you never have to worry about plugging in upside down.^[9]

[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. Intel's numbering, branding and/or naming is not a measurement of higher performance. 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.

[3] 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.

[4] 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>.

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

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

[7] 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.

[8] 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. Wi-Fi 6E is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately. Bluetooth® 5.3 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.3 will function as Bluetooth® 5.2 or lower.

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

Specifications

Form factor	Customized
Operating system	Windows 11 Home
Product color	Dark wood, jack black chassis
Processor family	Intel® Core™ Ultra 5 processor
Processor	Intel® Core™ Ultra 5 225 (up to 4.9 GHz with Intel® Turbo Boost Technology, 20 MB L3 cache, 10 cores, 10 threads) ^[6,7]
Chipset	Intel® B860
Memory	16 GB DDR5-5600 MT/s (1 x 16 GB)
Memory Slots	2 DIMM
Internal Storage	512 GB PCIe® Gen4 NVMe™ M.2 SSD
Product design	IMD
Graphics	Integrated
Graphics (integrated)	Intel® 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	5.34 kg
Weight	11.78 lb
Keyboard	HP 125 USB Black Wired Keyboard
Pointing device	HP 125 USB Black Wired Mouse
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
Ports	4 USB 2.0 Type-A; 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	8.41 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card
Power supply type	280 W 80 Plus Platinum certified power supply
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	65% 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	198990251240
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.
Support service included	HP 1 year 3 day Onsite Response for Consumer Desktop Hardware Support. For terms and conditions, please visit https://h20195.www2.hp.com/v2/GetPDF.aspx/4AA5-6385EEAP & https://www8.hp.com/h20195/v2/getpdf.aspx/4AA5-7123EEAU.pdf

Additional specifications

Additional information about HP	https://www.hp.com
Bluetooth version	Bluetooth® 5.3
Color	Dark wood
Ecolabels	EPEAT® Gold with Climate+
End of Life CO2e (kg)	0.4
Energy Usage CO2e (kg)	189
Ethernet (RJ-45)	1
HDMI out – version	2.1
HDMI –out	1
Headphone/microphone combo	1
I/O Port location	Front
I/O Port location	Rear
Keyboard color	Black
Keyboard connectivity	Wireless
Keyboard interface	USB
Memory and storage	16 GB memory;512 GB SSD storage
Memory layout (slots & size)	1 x 16 GB
Memory size	16
Memory size uom	GB
Memory speed	5600
Memory speed uom	MT/s
Memory type	DDR5
Neural Processing Unit	Intel® AI Boost (13 NPU TOPS)
Number of memory slots	1
Package dimensions (W x D x H)	19.65 x 15.75 x 11.30 in
Package weight	18.54 lb
Processor Brand	Intel®
Processor cache	20 MB L3
Processor core	10
Processor family	Core™ Ultra 5
Processor frequency technology	Intel® Turbo Boost Technology
Processor maximum frequency	4.9
Processor maximum frequency uom	GHz

Processor model	225
Processor socket	LGA1851
Processor threads	10
Product brand name	HP
Product long name specifications	HP OmniDesk Desktop AI M03-0001a PC, Windows 11 Home, Intel® Core™ Ultra 5, 16GB RAM, 512GB SSD, Dark wood
Product long name specifications V2	Windows 11 Home, Intel® Core™ Ultra 5, 16GB RAM, 512GB SSD, Dark wood
Product short name specifications	HP OmniDesk Desktop AI M03-0001a PC, Intel® Core™ Ultra 5, 16GB RAM, 512GB SSD
Production CO2e (kg)	209
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
Total CO2e (kg)	400 (A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.)
Transportation CO2e (kg)	2
UNSPSC code	43211507
USB Type-A	8
USB Type-C	2
Wireless Model	Wi-Fi 6E AX211
Wireless antenna	2x2
Wireless standard	Wi-Fi 6E
Wireless supplier	Intel®

[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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

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

HP Care Pack Services

★ : Recommended

Personal Systems Consumer Care Pack Services

HP 1 year 3 day Onsite Response for Consumer Desktop Hardware Support	UA047E
HP 1 year Post Warranty Pickup and Return Desktop Service	U4813PE
HP 1 year Post Warranty Return to Depot Desktop Service	U4811PE
HP 2 year 3 day Onsite Desktop Service	UJ216E
HP 3 years 3 day Onsite Desktop Service	UJ217E
HP 3 years Pickup and Return Desktop Service	U4812E
HP 3 years Return to Depot Hardware Support for Desktops	U4810E

Monitors

Business Monitors

★ : Recommended

E-Series

HP E22 G5 FHD Monitor	6N4E8AA
HP E24 G5 FHD Monitor	6N6E9AA
HP E24 G5 FHD No Stand Monitor	6N6E9A9
HP E24i G4 WUXGA Monitor	9VJ40AA
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AA
HP E24mv G4 FHD Conferencing Monitor	169L0AA
HP E24q G5 QHD Monitor	6N4F1AA
HP E24t G5 FHD Touch Monitor	6N6E6AA
HP E24u G5 FHD USB-C Monitor	6N4D0AA
HP E27 G5 FHD Monitor	6N4E2AA
HP E27k G5 4K USB-C Monitor	6N4C4AA
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AA
HP E27u G5 QHD USB-C Monitor	6N4D3AA
HP E32k G5 4K USB-C Monitor	6N4D6AA
HP E34m G4 WQHD Curved USB-C Conferencing Monitor	40Z26AA
HP E45c G5 DQHD Curved Monitor	6N4C1AA

Business LCD Monitors

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

P-Series

HP P22 G5 FHD Monitor	64X86AA
HP P22h G5 FHD Monitor	64W30AA
HP P22v G5 FHD Monitor	64V81AA
HP P22v G5 FHD Value Monitor - P22v	7N909AT
HP P24 G5 FHD Monitor	64X66AA
HP P24h G4 FHD Height-Adjust Monitor - SING	7VH44AA
HP P24h G5 FHD Monitor	64W34AA
HP P24v G5 FHD Monitor	64W18AA
HP P24v G5 FHD Value Monitor - P24v	7N914AT
HP P27 G5 FHD Monitor	64X69AA

HP P27h G5 FHD Monitor	64W41AA
------------------------	---------

HP P34hc G4 WQHD USB-C Curved Monitor - P34hc	21Y56AA
---	---------

Series 3 Pro

HP Series 3 Pro 21.45 inch FHD Monitor - 322pv	9U5A2AA
--	---------

HP Series 3 Pro 21.5 inch FHD Monitor - 322pf	9U5B0UT
---	---------

HP Series 3 Pro 23.8 inch FHD Monitor - 324pf	9U5J5UT
---	---------

HP Series 3 Pro 23.8 inch FHD Monitor - 324pv	9U5C1AA
---	---------

Series 5 Pro

HP Series 5 Pro 23.8 inch FHD Monitor - 524pf	9D9L6UT
---	---------

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 24 inch WUXGA Monitor - 524pn	9D9A7AA
---	---------

HP Series 5 Pro 27 inch QHD Monitor - 527pq	9D9S0UT
---	---------

HP Series 5 Pro 27 inch QHD No Stand Monitor - 527pq	9D9S0A9
--	---------

HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5AA
---	---------

Series 7 Pro

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 Monitor - 727pq	8J4D8UT
---	---------

HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu	8J9E6AA
---	---------

HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu	8J9E6UT
---	---------

HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk	8Y2K9AA
--	---------

HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157AA
---	---------

HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157UT
---	---------

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
---	---------

Z Displays

HP Z24m G3 QHD Conferencing Display	4Q8N9AA	obsolete
-------------------------------------	---------	----------

HP Home Monitors

OMEN by HP Displays

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

9R181AA

Disclaimer — Copyright

All other trademarks are the property of their respective owners.

The product could differ from the images shown. © 2014 Hewlett-Packard Development Company, L.P. The Information contained herein is subject to change without notice. Warranties for HP products and services are set out in the express warranty statements accompanying such products and services. In addition, our products and services come with guarantees that cannot be excluded under the Australian Consumer Law. Subject to the foregoing, nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Generated by Dynamic Collateral Tool – (au-en) – Jul 11, 2025 2:55 PM UTC+0000