Datasheet

HP OmniDesk Mini Desktop M05-0003na PC

Make room for what matters most

Free up your desk and create with confidence in a compact, space-saving mini design. The HP OmniDesk Mini Desktop PC delivers powerful, reliable performance for smooth multitasking, entertainment, and creative work—helping you stay focused and organized without the clutter of a traditional setup.



*Product image may differ from actual product

Small footprint. Giant leap forward.

Reclaim your desk and your aesthetic with an ultra-compact design that delivers powerful performance.

A creative powerhouse for your biggest projects

Take on ambitious projects with confidence. Intel® Core™ performance[1] and AI capabilities[2] handle complex work seamlessly.

Built to expand. Ready for whatever's next.

Expand with flexibility as your ambitions grow. Connect multiple displays and adapt as your needs evolve.

Sustainability in action

Built for a better tomorrow

Designed using recycled metals[3] and post-consumer recycled plastics[4].

with

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Featuring

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.[3]

Intel® Core™ Ultra 9 Series 3 processor
No tradeoffs. Intel® Core™ Ultra Series 3 processors deliver what matters: powerful performance and built-in graphics and AI to revolutionize how you create, game, and work. Feel the power of Intel Inside®.[1]

Intel® graphics
Stream your favorite shows, hop on video calls, and scroll through photo edits. All with smooth, responsive visuals. Built-in Intel® Graphics handle everyday entertainment and multitasking with ease, no extra GPU, no extra bulk.[4]

EPEAT Gold with Climate+
EPEAT is a world class ecolabel for electronics and technology products. EPEAT Gold with Climate+ registered products are independently verified and have met rigorous criteria to ensure they have been designed with measurable sustainability features.[5]

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]

Sustainable design
Because little things make a big difference, this product includes sustainable materials like post-consumer recycled plastic in the design.[7]

Effortlessly connected
Enjoy faster speeds, improved performance and greater capacity with Wi-Fi 6 and Bluetooth® 5.4 wireless card.[8]

Thunderbolt™ 4 with USB Type-C®
The latest Thunderbolt™ solution lets you power your device or connect up to two 4K displays with a single cable and blazing 40Gbps signaling rate.

HP 140W USB Type-C® GaN Mini Wall Charger
Power through your day with our compact GaN wall mount power adapter. It's 43% smaller and 29% lighter than previous generation HP power adapters, with fast-charging capabilities that keep you productive, creative, and entertained wherever you go.[9]

2 TB PCIe® Gen5 NVMe™ Value M.2 SSD
With smooth data transfer, the 2 TB PCIe Gen5 NVMe M.2 SSD ensures consistent performance for everyday tasks with ample storage[10]

LPDDR5X RAM
Experience speedy and responsive performance with the power efficient LPDDR5X memory. Designed to support higher data rates with less latency, plus faster file transfers and application load.

Recommended accessories and services (not included)



HP 430 FHD Webcam
77B11AA



HP 100 Sanitizable Mouse Pad
8X594AA



HP USB-C 100W G6 Dock
BS7S5AA



3-year pickup and return
UC994E

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Specifications







Performance

Operating system
Windows 11 Home
Processor
Intel® Core™ Ultra 9 386H (up to 4.9 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 16 cores, 16 threads)[6,7]
Processor family: Intel® Core™ Ultra 9 processor
Neural Processing Unit (NPU): Intel® AI Boost (50 NPU TOPS)
Memory
24 GB LPDDR5x-8533 MT/s (onboard)
Transfer rates up to 8533 MT/s.
Storage
2 TB PCIe® Gen5 NVMe™ M.2 SSD
100 GB Dropbox storage for 3 months[1]
Graphics
Integrated: Intel® Graphics;
Power
140 W USB Type-C® GaN power adapter;

Connectivity

Network interface
Realtek RTL8125BGH-CG 10/100/1000/2500 GbE NIC
Wireless connectivity
Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.4 wireless card [12,46]
Ports
Front:
1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (DisplayPort™ 2.1); 1 USB Type-C® 10Gbps signaling rate (DisplayPort™ 2.1)
Rear:
2 USB Type-A 10Gbps signaling rate; 1 headphone/microphone combo; 1 RJ-45; 1 microphone-in; 1 line out; 1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (DisplayPort™ 2.1)
Video connectors
1 HDMI-out 2.1
Expansion slots
3 M.2

Sustainability

Energy star certified
ENERGY STAR® certified
Sustainable impact specifications
At least 50% post-consumer recycled plastic[41]
EPEAT registered
EPEAT Gold registered[54]

Design

Product color
Smoke silver
Polished

Software

HP apps
HP Support Assistant; HP Connection Optimizer; OMEN Gaming Hub
Software
Otter.ai;
1 month trial for new Microsoft 365 customers[24]
Service & support
McAfee Online Protection 30-day trial; 1-month Adobe free trial offer; PC Game Pass 3-month trial [2,25]

Additional information

Part Number
P/N: E5HT2EA #ABU
UPC/EAN code: 885981471298
Weight
0.47 kg;
Packed: 1.26 kg
Dimensions
13 x 13 x 4.8 cm;
Packed: 27.6 x 18.6 x 8.8 cm
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.

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Footnotes

Messaging Footnotes

[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 is not a measurement of higher performance.
[2] 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, software and other factors. AI-related functionality may vary depending on the device model, system configuration, installed software, and user settings. AI systems can produce inaccurate, incomplete, or biased results and should be used with appropriate oversight. Users are responsible for validating any critical outputs generated through AI-enabled features.
[3] 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.
[4] For more complete information on configurations and workloads, visit www.Intel.com/PerformanceIndex.
[5] Based on U.S. EPEAT registration according to IEEE 1680.1-2018 EPEAT. EPEAT status varies by country. Visit www.epeat.net for more information. See www.epeat.net for registration status and tier levels by country.
[6] ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.
[7] Post-consumer recycled is based on the definition set in the EPEAT standard for computers, IEEE 1680.1-2018 standard.
[8] 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. Wi-Fi 6 is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels. Wi-Fi 6 (802.11ax) is not supported in Belarus where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac). Bluetooth® 5.4 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.4 will function as Bluetooth® 5.3 or lower. Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.
[9] Performance and compatibility may vary by device. Subject to change without notice. Compared to previous generation HP power adapters
[10] For storage drives, GB = 1 billion bytes, TB = 1 trillion bytes. Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content.

Technical Specifications Footnotes

[1] 100 GB of free Dropbox storage for 3 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.
[2] Internet access required and not included. McAfee is pre-installed on your PC and an account is required for activation. Subscription renewal required after trial period. VPN feature is not available in India, China, Syria or North Korea. McAfee is not compatible with Windows 11 in S mode. You'll need to permanently switch out of S mode. There's no charge to switch out of S mode, but you won't be able to turn it back on.
[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.
[12] 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).
[24] Must activate within 180 days of Windows activation.
[25] Offer available worldwide (excluding China and embargoed countries or other countries identified as restricted by applicable law or regulation) to new and existing subscribers who are 18+. Click on the Adobe icon in the start menu to redeem a 1-month free trial membership for select Adobe software. The software is tied to the device and is not transferrable. If you would like to sign up for an auto-renewing subscription, you can provide your payment method at sign-up. By adding a payment method, your subscription will automatically renew at the then current rate on your renewal date until you cancel. If you cancel before the end of the one-month free trial, you won't be charged. You can cancel your subscription anytime via your Adobe Account page or by contacting Customer Support. Please see current prices for Adobe products available in this offer. Offer not available to Education, OEM, or volume licensing customers. Subject to availability where the recipient resides. Additional terms and conditions may apply. VOID WHERE PROHIBITED OR RESTRICTED BY LAW.
[41] Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT criteria.
[46] Bluetooth® 5.4 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.4 will function as Bluetooth® 5.3 or lower.
[51] Weight and system dimensions may fluctuate due to configuration and manufacturing variances.
[54] Based on U.S. EPEAT registration according to the EPEAT criteria. EPEAT registered where applicable, tier levels may vary by country. See www.epeat.net for registration status and tier levels by country.

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