HP

HP mt46
Mobile Thin Client

The beautifully designed, cloud-ready[1] mobile thin client. Power your enterprise with the durable, powerful, and stunning HP mt46 Mobile Thin Client. This compact and lightweight device delivers premium experiences with comfortable design built to withstand daily wear and tear, reliable enterprise security and serviceability, and productive connectivity.

HP mt46 is part of, and contributes to HP's World's Most Sustainable PC Portfolio[2]

World's highest performance in a mobile thin client[3]

DESIGNED FOR

Home & Office Navigator

Protect & Serve Champion, ITDM

Mobile Trailblazer

A NEW YEAR, A NEW ID

Built with powerful AMD Renoir Technology and DDR4-3200 Memory, the mt46 is built to handle heavy workloads with snappy performance when multitasking.

- 84% screen to body ratio
- Starting weight of 2.97 lbs
- 10% smaller footprint
- Wi-Fi 6[15]
- WWAN (Win IoT only)
- Up to 14 hour battery life[12]
- HP Fast Charge: Recharge to 50% in 30 minutes[4]
- 170° hinge angle
- Ambient light sensor[5]

SAFEGUARD DATA AND DEVICES

- HP Privacy Camera[6]
- HP Sure View Reflect[7] (optional)
- AMD Memory Guard
- HP Sure Start Gen6[8]
- Fingerprint sensor[9]

EFFORTLESS COLLABORATION AND CONFERENCING

- Superb audio by Bang & Olufsen
- World-facing third microphone
- 88° Wide-view HD camera

KEY SOFTWARE

- Windows 10 IoT Enterprise or HP ThinPro OS[14]

Super Thin: 17.95 mm
Super Light: Starting at 1.34 kg
Weight will vary by configuration.

Built to be paired with HP-branded displays and accessories

Touch and Non-touch Anti-glare screen[10]

AMD Ryzen™ 3 PRO 4450U with Radeon™ Graphics

2x2 Wifi 6[15] ax; Optional LTE

Windows® 10 IoT Enterprise[11] & HP ThinPro OS

HP Fast Charge, recharges the battery to 50% in 30 minutes[5]

HP mt46 Mobile Thin Client

Form Factor	Clamshell
Height	17.95 mm
Weight	Starting at 1.34 kg
Processor	AMD Ryzen™ 3 PRO 4450U with Radeon™ Graphics
Memory	Up to 8GB DDR4 3200MHz
Storage	128 GB M.2 SATA3 TLC[19]
Display	14"Diagonal Anti-glare, low power, privacy panel option
Keyboard	HP Premium Keyboard – spill-resistant, full size with HP Durakeys optional backlit keyboard with HP Durakeys
Battery/Power	Up to 14 hours[12]
Ports/Slots	2 USB Type-C® (Alt mode), 1 USB 3.1 Gen 1 port, 1 USB 3.1 Gen 1 (charging), 1 HDMI 2.0, 1 headphone/microphone combo, 1 AC power, 1 SIM card slot[13], 1 Smartcard reader
Connectivity	Realtek RTL8822BE 802.11ac (2x2)[20] and Bluetooth® 5 Combo Intel Wi-Fi 6 AX200 + BT5 (802.11ax 2x2, non-vPro)[15] + WWAN (WWAN not available with ThinPro)[21]
Multimedia	Audio by Bang & Olufsen, 2 Integrated Stereo Speakers, Integrated 3 Multi Array Microphone
Security/Manageability	HP Sure Start Gen6[8]; HP Sure View Reflect[7]; HP BIOSphere Gen5[16]; TPM 2.0 Fingerprint Sensor[17]; K-Lock, Privacy Camera[6]
Durability	MIL-STD 810H Test[18]

1. Internet access required and sold separately.
2. HP mt46 is part of/contributes to HP's World's Most Sustainable PC Portfolio based on: 1) Power efficiency (Low wattage panels; 2) EPEAT Gold Certified; 3) Post-consumer recycled and ocean-bound plastics *Applies to HP PCs, Workstations and Displays manufactured after January 2019. Based on most Gold and Silver EPEAT® registrations by meeting all required criteria and achieving 50-74% of the optional points for EPEAT® Silver and 75-100% of the optional points for EPEAT® Gold according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information."
3. Based on currently available, in-market mobile thin clients providing the highest PassMark Average CPU Mark scores as of September 2020.
4. Optional feature that must be configured at time of purchase. Recharges the battery up to 50% within 30 minutes when the system is off or in standby mode, when used with the power adapter provided with the mobile thin client, and no external devices are connected. After charging has reached 50% capacity, charging speed will return to normal. Charging time may vary +/-10% due to System tolerance.
5. Optional feature that must be configured at the time of purchase.
6. HP Privacy Camera only available PCs equipped with HD or IR camera and must be installed at the factory. HP Privacy Camera not compatible with HP ThinPro and Smart Zero OS.
7. 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.
8. HP Sure Start Gen6 is available on select HP PCs with Intel® processors. See product specifications for availability.
9. Optional feature that must be configured at time of purchase. & Not available on HP ThinPro and Smart Zero
10. Optional feature that must be configured at time of purchase. & Not available on HP ThinPro and Smart Zero
11. 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. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.
12. Windows 10 MM14 battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See http://www.bapco.com for additional details
13. SIM slot is not user accessible without WWAN configuration.
14. Not all features or options are available with HP ThinPro OS.
15. Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for Wi-Fi 6 (802.11ax WLAN) are draft specifications 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 WLAN devices. Only available in countries where 802.11ax is supported.
16. HP BIOSphere Gen5 is available on select HP PCs. See product specifications for details. Features may vary depending on the platform and configurations.
17. Fingerprint sensor not available with HP ThinPro
18. MIL-STD testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
19. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30GB is reserved for system recovery software.
20. Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11 ac) is backwards compatible with prior 802.11 specs.
21. WWAN is an optional feature, requires factory configuration and separately purchased service contract. Check with service provider for coverage and availability in your area. 4G LTE not available on all products, in all regions. WWAN is not configurable with HP ThinPro and HP Smart Zero.