



HP mt45 Mobile Thin Client

Sleek, secure, and performance on-the-go

Achieve the perfect balance of form and function with the beautifully designed HP mt45 Mobile Thin Client. It offers built-in collaboration features such as a world-facing third mic, collaboration keys and loud speakers.



Distinctively designed to work everywhere

- Mobilize your workforce in style with this precision-crafted, all-aluminum mobile thin client. It has a breathtaking 14" diagonal Full HD¹ narrow bezel and optional anti-glare touch display³ that's crisp and bright inside and outside.

Effortless remote conferencing

- Never miss a word during PC calls with advanced collaboration features like HP Noise Cancellation. Loud speakers expertly tuned by Bang & Olufsen produce rich sound, while the world-facing third microphone and Skype for Business[®] collaboration keys boost productivity.

A privacy and security power combo

- Maximize data and device safety with HP Privacy Camera³, multi-factor finger authentication, HP Sure Start Gen5⁴ BIOS protection, HP Sure View Gen3¹³ and the secure, virus-resistant HP ThinPro OS.

Power-packed processing speeds

- Boost your performance with the next generation AMD Ryzen™ 3 PRO processor with Radeon™ Vega graphics, ideal for multi-tasking, streaming content and more.

Featuring

- Enjoy premium virtualization with industry ISV partners, including Citrix[®], VMware[®], and Microsoft[®], plus features like a cloud-connectable integrated browser, single sign-on support, and multimedia redirection.
- Power-up in a flash with optional HP Fast Charge adapter, which charges your battery up to 50% in 30 minutes. Access everything - network, data, video, and power charging with one simple USB-C™ cable connected from your dock to your thin client.
- Help ensure data security by keeping it off the local device. Get added protection from the TPM 2.0 chipset, Windows Enterprise security features and HP Write Manager, which defends against unauthorized updates and viruses.
- Make it easy to deploy, manage, and maintain your install base onsite or remotely with HP Device Manager, a software tool available exclusively for HP Thin Clients.
- Customize an intuitive interface and level of protection to fit your needs, and maximize your cloud infrastructure, VDI, and kiosk environments with HP Easy Shell software, designed to optimize your Windows Embedded user experience.
- Your "office" can be where you need it, letting you stay connected almost everywhere with a reliable wireless LAN connection with enhanced signal strength and supports optional 4G LTE category 9 wireless broadband technology.
- Work without worry with a thin client that's passed extreme testing standards and has a minor spill-resistant keyboard.
- Help protect data and important files with a Linux[®]-based OS that is inherently resistant to virus threats, malware, and has a read-only locked file system to prevent unauthorized updates.
- Help decrease power consumption and office cooling requirements with ENERGY STAR[®] and EPEAT[®] 2019 registered certifications and a low halogen design.
- Rest easy with a one-year limited warranty. To extend your protection beyond the standard limited warranty, select an optional HP Care Pack.

HP mt45 Mobile Thin Client Specifications Table



Available Operating Systems	Windows 10 IoT Enterprise for Thin Clients 64 ¹ HP ThinPro HP Smart Zero Core
Processor family⁴	AMD® Ryzen™ APU
Browser	Internet Explorer 11
Available Processors^{2,3,4}	AMD Ryzen™ 3 PRO 3300U APU with Radeon™ Vega 6 Graphics (2.1 GHz base clock, up to 3.5 GHz max boost clock, 4 MB cache, 4 cores)
Chipset	SoC
Display size (diagonal)	14" ¹⁴
Maximum memory	8 GB DDR4-2400 SDRAM ⁵ Transfer rates up to 2400 MT/s.
Memory slots	2 SODIMM
Internal storage	up to 128 GB M.2 SSD ⁶
Display	14" diagonal FHD IPS anti-glare LED-backlit touch screen (1920 x 1080) ¹⁴
Available Graphics	Integrated: AMD Radeon™ Vega 6
Protocols	Citrix® ICA/HDX; Microsoft RDP; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme (Protocols are dependent on operating system installed.)
Audio	Audio by Bang & Olufsen, dual HP premium speakers, dual array microphone
Expansion slots	1 SC ⁷
Ports and Connectors	Right side: 1 USB 3.1 (charging) Left side: 1 AC power; 1 docking connector; 1 headphone/microphone combo; 1 RJ-45; 1 USB 3.1 Gen 1; 1 USB Type-C™; 1 HDMI 2.0; 1 nano SIM port ⁸
Input devices	HP Premium Collaboration Keyboard with dual-point; Optional backlit with HP Dura Keys, privacy; Spill-resistant keyboard with drain; Clickpad with multi-touch gestures enabled, taps enabled as default;
Communications	WLAN: Intel® Wireless-AC 9260 Wi-Fi 5 (2x2) and Bluetooth® 5 Combo, non-vPro™ ¹⁰ ; WWAN: HP lt4210 LTE/HSPA+ 4G Mobile Broadband with GPS ¹¹
Camera	720p HD webcam; HD IR webcam ^{12,13}
Available Software	HP Easy Shell; HP ThinUpdate; HP USB Port Manager; HP Write Manager; Power On Authentication; HP Native Miracast Support; HP Noise Cancellation Software ²³
Security management	Fingerprint reader; Security lock slot; Trusted Platform Module 2.0; Integrated smart card reader; NFC Antenna; Infra Red Camera for facial recognition; HP SureStart Gen5; HP Device Manager; Secure Erase ^{16,24,25}
Power	HP Smart 45 W External AC power adapter; HP Smart 65 W EM External AC power adapter; HP Smart 65 W External AC power adapter; HP 45 W 2-pong External AC power adapter; HP 45 W USB Type-C™ adapter; HP 65 W USB Type-C™ adapter ^{19,20}
Battery type	HP 3-cell, 50 Wh Li-ion ¹⁸
Battery life	Up to 12 hours ¹⁷
Dimensions	32.6 x 23.4 x 1.79 cm
Weight	Starting at 1.48 kg (Weight will vary by configuration.)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® 2019 registered ²¹
Environmental specifications	Low halogen ²²

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Accessories and services (not included)

HP 5-year Next Business Day Thin Client Only Hardware Support



HP Care Pack

Receive 5 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. For more information on Care Pack services, please visit www.hp.com/go/cpc.
Product number: UK718E

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Messaging Footnotes

- ¹ Full HD content required to view Full HD images.
- ² Touch is an optional feature and requires factory configuration.
- ³ HP Sure View privacy screen is an optional feature and must be configured at purchase.
- ⁴ HP Sure Start Gen5 is available on select HP products with Intel processors. See product specifications for availability.
- ⁵ Fast Charge is an optional feature. Recharges your battery up to 50% within 30 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.
- ⁶ USB-C™ cable sold separately.
- ⁷ Optional features sold separately or as add on features. WWAN requires separately purchased service contract. Check with service provider for coverage and availability in your area. 4G LTE not available on all.
- ⁸ MIL-STD testing is pending and 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. Accidental damage requires optional HP Accidental Damage Protection Care Pack.
- ⁹ Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
- ¹⁰ External power supplies, power cords, cables, and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- ¹¹ HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP Services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.
- ¹² WWAN module is optional, must be configured at the factory and requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.
- ¹³ HP Sure View G3 integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

Technical Specifications Footnotes

- ¹ 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/>.
- ² 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.
- ³ Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- ⁴ NOTE: In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on <http://www.support.hp.com>.
- ⁵ Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.
- ⁶ For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 12GB is reserved for system recovery software.
- ⁷ The smart card reader is optional.
- ⁸ HDMI cable sold separately.
- ⁹ The term "10/100/1000" or "Gigabit" Ethernet indicates compatibility with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.
- ¹⁰ 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.
- ¹¹ WWAN module is optional, must be configured at the factory and requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.
- ¹² HD content required to view HD images.
- ¹³ Sold separately or as an optional feature.
- ¹⁴ Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- ¹⁵ HP Easy Shell is currently available on Windows Embedded Standard 7E, Windows Embedded Standard 7P, Windows Embedded 8 Standard, Windows Embedded 8.1 Industry Pro, Windows 10 IoT Enterprise 2016 LTSC, and Windows 10 IoT Enterprise 2019.
- ¹⁶ Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method.
- ¹⁷ 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 www.bapco.com for additional details.
- ¹⁸ Battery is internal and not replaceable by customer. Serviceable by warranty.
- ¹⁹ Availability may vary by country.
- ²⁰ The HP 45 W 2-prong External AC power adapter is available only in Japan.
- ²¹ Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
- ²² External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- ²³ Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: <http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast>.
- ²⁴ Security lock slot is Lock sold separately.
- ²⁵ HP Sure Start Gen5 is available on select HP products with Intel processors. See product specifications for availability.

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