HP mt46 Mobile Thin Client (11D25EA)

Overview

The beautifully designed, cloud-ready[2] mobile thin client.

Power your enterprise with the durable, powerful, and stunning HP mt46 Mobile Thin Client. This thin client delivers premium experiences with comfortable design, reliable enterprise security and serviceability, and productive connectivity.

Work comfortably all around the office.

Enjoy this light ergonomic device, you can open with one-hand, and a quiet click pad and keyboard with rubber dome keys—perfect for working around the office.

Effortless collaboration and conferencing.

Expand your reach with long battery life, and simple and fast connectivity. Collaborate easily face-to-face or virtually[2], with crisp Audio by Bang & Olufsen, 88-degree field of view webcams, and a 1700 hinge opening.

Work goes with you, data doesn't.

Get data and device security for your cloud[2] computing experience with HP Sure Start Gen6 self-healing BIOS.

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[2] Internet access required and sold separately.

Specifications

Operating system	Windows 10 IoT Enterprise for Thin Clients 64
Processor family	AMD Ryzen™ 3 PRO processor
Processor	AMD Ryzen™ 3 PRO 4450U (2.5 GHz base clock, up to 3.7 GHz max boost clock, 4 MB L3 cache, 4 cores)
Chipset	SoC
Memory	8 GB DDR4-3200 MHz RAM (2 x 4 GB)
Memory Slots	2 SODIMM
Internal Storage	128 GB SATA SSD
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, anti-glare, 1000 nits, 72% NTSC, HP Sure View Reflect integrated privacy screen
Display size (diagonal)	35.6 cm (14")
Audio	Audio by Bang & Olufsen, 2 Integrated Stereo Speakers, Integrated multi array microphones
Minimum dimensions (W x D x H)	32.33 x 21.45 x 1.79 cm (non-touch); 32.33 x 21.45 x 1.75 cm (touch)
Weight	Starting at 1.34 kg (non-touch); Starting at 1.47 kg (touch) *(Weight will vary by configuration.)*
Keyboard	HP Premium Keyboard – spill-resistant, full size, optional backlit keyboard with drain and optional DuraKeys
Input devices	Hall Sensor
Camera	720p HD IR camera
Ports	1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging)
Expansion slots	1 SC
Ports	1 AC power; 1 HDMI 2.0; 1 SIM card slot; 2 SuperSpeed USB Type-C® 10Gbps signaling rate (Alt Mode)
Wireless	Realtek RTL8852AE Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo
Protocols	Citrix® ICA/HDX; Microsoft RFX/RDP; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme
Power	HP Smart 65 W External AC power adapter[26]
Battery type	HP Long Life 3-cell, 53 Wh Li-ion
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes with 65W AC Adapter
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Low halogen; TCO 8.0 Certified

Security management	NFC Antenna; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); Windows Defender; USB enable/disable (via BIOS); Power-on password (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; HP Sure Start Gen6; Pre-boot authentication[22,23,25,35]
Software included	HP Device Manager; HP ThinUpdate; Power On Authentication; Secure Erase; Absolute Persistence Module; Preboot Authentication; HP Native Miracast Support; HP Noise Cancellation Software; HP BIOS Config Utility; BIOS Update via Network; HP Connection Optimizer; HP Hotkey Support; HP BIOSphere Gen6[18,19,20,35]
Browser supported	Internet Explorer 11
UPC number	(A2M) 196337642188; (A2N) 196337642195; (A2Q) 196337642201; (AB6) 196337642218; (AB7) 196337642225; (AB8) 196337642232; (AB9) 196337642249; (ABB) 196337642256; (ABD) 196337642263; (ABE) 196337642270; (ABF) 196337642287; (ABH) 196337642294; (ABN) 196337642300; (ABT) 196337642317; (ABU) 196337642324; (ABV) 196337642331; (ABY) 196337642348; (ABZ) 196337642355; (ACB) 196337642362; (ACQ) 196337642379; (AK8) 196337642386; (AKC) 196337642393; (AKD) 196337642409; (AKQ) 196337642416; (AKS) 196337642423; (B10) 196337642430; (BCM) 196337642447; (BED) 196337642454; (UUG) 196337642485; (UUZ) 196337642492
Manufacturer Warranty	3 year (3/3/0) limited warranty includes 3 years of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Additional specifications

Additional information on the product category	For more information on HP Compaq Thin Clients, visit our website at http://h18004.www1.hp.com/products/thinclients/.
Ambient light sensor	Ambient light sensor
Battery brand	HP
Battery capacity	53
Battery capacity uom	Wh
Battery cells number	3
Battery life	Long Life
Battery type	Li-ion
Bluetooth version	Bluetooth® 5.2
Camera Infrared	IR
Camera resolution (vertical)	720p
Camera resolution standard	HD
Color gamut	72% NTSC
Datasheet photo 1	AHID/bd236f3e404ca6b5cde01bee3bed84b9357a1841
Datasheet photo 2	Publication logos/HP_Care_Pack_RGB_blue_NT.jpg
Datasheet photo 3	AHID/9abdeaed5a7b5cce5697588f568d08f247cb82be
Datasheet photo 4	AHID/3b38c465e2a5dcd33b2158ed4a89c3e994812d0c
Datasheet photo 5	AHID/7fd1384d5b73c0708f26c73c6a43dd45de06e728
Display	35.6 cm (14") diagonal FHD display with HP Sure View Reflect integrated privacy screen
Display brightness	1000
Display brightness uom	nits
Display panel technology	IPS
Display resolution (pixels)	1920 x 1080
Display resolution standard	FHD
Display security technology	HP Sure View Reflect integrated privacy screen
Display size (diagonal) uom	"
Display size (diagonal, imperial)	14
Display size (diagonal, metric)	35.6
Display size (diagonal, metric) uom	cm
Display surface treatment	anti-glare
ECC memory	non-ECC

External I/O ports footnote number	[30]
I/O Port location	Left side
I/O Port location	Right side
Keyboard backlight	backlit
Keyboard features	Spill-resistant
Keyboard name	HP Premium Keyboard
Keyboard protection	drain and DuraKeys
Keyboard size	Full-size
Memory layout (slots & size)	2 x 4 GB
Memory module type	DIMM
Memory size	8
Memory size uom	GB
Memory speed	3200
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	2
Processor Brand	AMD
Processor base frequency	2.5
Processor base frequency uom	GHz
Processor cache	4 MB L3
Processor core	4
Processor family	Ryzen™ 3
Processor maximum frequency	3.7
Processor maximum frequency uom	GHz
Processor model	4450U
Processor threads	8
Product long name specifications	HP mt46 Mobile Thin Client, Windows 10 IoT Enterprise for Thin Clients 64, AMD Ryzen™ 3, 8GB RAM, 128GB SSD

Sales office and telephone number	Albania: +49 89 9396 1803; Algeria: +213 (0) 61 68 23 00; Austria: +43 (0) 810 00 60 80; Bahrain: 800 171; Belgium: +32 (02) 729 71 11; Bulgaria: +359 2 969 87; Bosnia-Herzegovina: +49 89 9396 1803; Commonwealth of Independent States (CIS): +(095) 923 50 01; Croatia: +385 1 606 02 00; Czech Republic: +420 261 108 108; Denmark: +45 48 12 10 00; HP East Africa, Authorized Consultant: +254 20 27 16 111; Egypt: HP +202 792 5070 ; Estonia: +372 6 813 820; Finland: HP Myyntipalvelu 010 217 2700; France: +33 (0) 826 800 400; Germany: +49 (0) 180 532 62 22; Greece: +30 801 11 22 55 47; Hungary: +36 (1) 382 11 11; Iceland: +354 (1) 67 10 00; Ireland: +353 1 615 82 00; Israel: +972 9 830 48 48; Italy: Prodotti +39 02 92607 330, Servizio HP Care Pack: +39 02 9212 2040; Kazakhstan & Kyrgyzstan: +7 327 2 58 43 43; Latvia: +371 703 07 00; Lithuania: +370 5 2103 300; Luxembourg : (+352) 263 160 34 Macedonia: +49 89 9396 1803; Malta: +49 89 9396 1803; Middle East (Within UAE Toll Free): 800 45 20; Moldova: +49 89 9396 1803; Morocco (African Region): Call Centre +212 22 40 47 47, HP Sale Office +212 22 97 37 37/+212 22 43 64 00; Netherlands: 0800 266 7272; Nigeria: + 234 13 205 241/3; Norway: +47 24 09 70 00; Poland: 0 801 522 622 and/or 00 48 22 565 77 00 (calls are charged at national rates); Portugal: +351 808 200 808 (end user welcome desk for commercial products) ; Romania: +40 (21) 303 83 00; Saudi Arabia: (Toll free) 800 897 14 33, Office Number: +96612731200; Serbia and Montenegro: +381 11 201 99 00; Slovakia: 0800 147 147; Slovenia: +386 1 230 74 20; Spain: +34 (91) 631 16 00; Sweden: +46 200 27 00 00; Switzerland: Pre-sales/product information +41 (0) 848 88 44 66, Spare parts, manuals +41 (0) 848 84 74 64; Tunisia: +216 1 89 12 22; Turkey: +90 (212) 444 79 79; UAE (Toll Free): 800 45 20; UAE (Toll Free): 800 45 20 or 800 49 10; Ukraine: +380 44 490 61 20 ; United Kingdom: HP Teleweb Glasgow +44 (0) 845 270 40 00
Standard memory note	Transfer rates up to 3200 MT/s.
Storage capacity	128
Storage capacity uom 01	GB
Storage form factor 01	M.2
Storage interface 01	SATA 3
Storage memory technology 01	TLC
Storage type	SSD
Storage type 01	SSD
UNSPSC code	43211503
Wireless Model	RTL8852AE
Wireless antenna	2x2
Wireless standard	Wi-Fi 6
Wireless supplier	Realtek

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[18] HP BIOSphere Gen6 is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.

[19] HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

[20] Absolute Persistence Module: Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: http://www.absolute.com/company/legal/agreements/computrace-agreement. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.

[22] Windows Defender Opt in and internet connection required for updates.

[23] Firmware TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).re TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).

[25] HP Sure Start Gen 6 is available on select HP PCs and workstations. See product specifications for availability.

[26] Availability may vary by country.

[35] HP Native Miracast not supported on HP ThinPro and HP Smart Zero; HP Noise Cancellation not supported on HP ThinPro and HP Smart Zero; Fingerprint Reader, not supported on HP ThinPro and HP Smart Zero. TPM 2.0 runs with no functionality. Customers can enable TPM 2.0 if they have a custom application that can locate the TPM chip.

Monitors

Business Monitors

★ : Recommended

EliteDisplays

HP EliteDisplay E243d 23.8-inch Docking Monitor	**1TJ76AA ★**	obsolete
HP EliteDisplay E243m 60.45 cm (23.8") Monitor	1FH48AA	
HP EliteDisplay E273m 68.58 cm (27") Monitor	1FH51AA	

Z Displays

HP DreamColor Z31x Studio Display	Z4Y82A4	obsolete
HP Z24f G3 FHD Display	3G828AA	
HP Z24n G3 WUXGA Display	1C4Z5AA	
HP Z24u G3 WUXGA USB-C Display	1C4Z6AA	
HP Z25xs G3 QHD USB-C DreamColor Display	1A9C9AA	
HP Z27k G3 4K USB-C Display	1B9T0AA	
HP Z27q G3 QHD Display	1C4Z7AA	
HP Z27u G3 QHD Display	1B9X2AA	
HP Z27xs G3 4K USB-C DreamColor Display	1A9M8AA	
HP Z32 31.5-inch 4K UHD Display	1AA81A4	
HP Z38c 37.5-inch Curved Display	Z4W65A4	
HP Z43 42.5-inch 4K UHD Display	1AA85A4	

E-Series

HP E14 G4 Portable Monitor	1B065AA
HP E22 G4 FHD Monitor	9VH72AA
HP E23 G4 FHD Monitor	9VF96AA
HP E24 G4 FHD Monitor	9VF99AA
HP E24i G4 WUXGA Monitor	9VJ40AA
HP E24mv G4 FHD Conferencing Monitor	169L0AA
HP E24q G4 QHD Monitor	9VG12AA
HP E24t G4 FHD Touch Monitor	9VH85AA
HP E24u G4 FHD USB-C Monitor	189T0AA
HP E27 G4 FHD Monitor	9VG71AA
HP E27q G4 QHD Monitor	9VG82AA
HP E27u G4 QHD USB-C Monitor	189T3AA

Healthcare Edition Displays

HP Healthcare Edition HC241 Clinical Review Monitor	3ME68AA	obsolete
HP Healthcare Edition HC241p Clinical Review Monitor	3ME69AA	obsolete

ProDisplays

HP Mini-in-One 24 Display	7AX23AA

Business LCD Monitors

HP P204v 19.5-inch Monitor	5RD66AA

P-Series

HP P22 G4 22 FHD Monitor	1A7E4AA
HP P22h G4 FHD Monitor	7UZ36AA
HP P22h G4 FHD Monitor	7UZ36AT
HP P22v G4 Monitor	9TT53AA
HP P24 G4 24 FHD Monitor	1A7E5AA
HP P24h G4 FHD Monitor	7VH44AA
HP P24q G4 QHD Height Adjust Monitor	8MB10AA
HP P24v G4 Monitor	9TT78AA
HP P27h G4 FHD Monitor	7VH95AA
HP P27q G4 QHD Height Adjust Monitor	8MB11AA
HP P27v G4 Monitor	9TT20AA

Accessories

Docking and Port Replicators

★ : Recommended

Docking Stations

HP USB-C Dock G5	**26D32AA ★**

Keyboards/Mice and Input Devices

Keyboards

HP 125 Wired Keyboard	266C9AA

Mice

HP 128 Laser Wired Mouse	265D9AA
HP 635 Multi-Device Wireless Mouse	1D0K2AA
HP 935 Creator Wireless Mouse	1D0K8AA

Point of Sales System Options

POS Display Accessories

HP Engage One 10.1-inch Display	1XD80AA
HP Engage One 10.1-inch Touch Display	1XD81AA
HP Engage One W 10.1-inch Display	3FH66AA
HP Engage One W 10.1-inch Touch Display	3FH67AA
HP L5010ta	2KY27AA

Cables/Cable Kits/Cable Adapters

Cable Adapters

HP USB Type-C to RJ45 Adapter	V8Y76AA
HP USB-C to RJ45 Adapter	V7W66AA

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