HP mt22 Mobile Thin Client (11D06EA)

Overview

Secure, stylish, and affordable cloud[1] productivity

Get everything you need to work in the cloud[1] with the HP mt22 Mobile Thin Client. It has essential performance features for daily multi-tasking, trusted security, and a sleek, durable aesthetic.

Protect your data, device, and identity

Rest easy with a thin client that has multi-layered security to help keep your cloud computing experience safe with a self-healing BIOS, optional HP Privacy Camera[2] and available ThinPro OS.

Built to be seen, built to last

Get a device that looks sharp in any office setting with a 180° lie-flat, hinge and solid stamped-aluminum chassis that withstands daily wear and tear and undergoes MIL-STD testing[6] for durability and dependability.

Business-class productivity for your virtual or cloud computing workload.[1]

Power through your to-do list with an Intel® Celeron® processor[3] and the enhanced connectivity of optional HP Extended Range Wireless LAN.[2,4] Quickly transition to your desk, displays, and accessories by connecting to an HP USB-C™ dock.[5]

Fast device deployment, simplified management

Make it easy for your IT admins to remotely deploy, update, and manage thousands of HP Mobile Thin Clients from anywhere[1] through a single console with HP Device Manager software, included with HP Thin Clients at no extra cost.

Features

Naturally secure OS

Choose the Linux®-based HP ThinPro for an OS that limits virus threats. It also has a locked file system that deters unauthorized updates, a built-in firewall, and customizable user permissions.

Automatic recovery from firmware attacks

Firmware attacks can completely devastate your device. Stay protected with HP's self-healing BIOS. HP Sure Start Gen5 automatically recovers the BIOS from malware, rootkits or corruption.[7]

Make IT management and security a breeze

Ease the burden of IT admins in Windows environments with HP Write Manager, a simple write filter solution that works across multiple Windows versions and prevents unauthorized changes to end user environments.[9]

Durable for the day ahead

Carry this lightweight mobile thin client between meetings without worry. Designed-in reinforcements include a borderless display housed in an aluminum cover, a CNC keyboard deck, and a metal-reinforced, drop-jaw RJ-45 port.

Work even in bright light

Never lose sight of your work with an optional anti-glare touchscreen.[2]

Work longer, charge faster

Long battery life gets you through the day without stopping to plug in, and when you do, HP Fast Charge gets you up to 50% battery life in just 30 minutes of charging.[8]

---

[1] Internet access required and sold separately.

[2] Optional feature that must be configured at time of purchase.

[3] Multicore 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.

[4] Based on internal testing vs. previous generation product with 802.11ac wireless LAN module.

[5] Dock sold separately. Limited dock compatibility of HP ThinPro. See product QuickSpecs for compatible docks.

[6] 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.

[7] HP Sure Start Gen5 is available on select HP PCs with Intel® processors. See product specifications for availability.

[8] 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 notebook, and no external devices are connected. After charging has reached 90% capacity, charging speed will return to normal. Charging time may vary +/-10% due to system tolerance.

[9] HP Write Manager requires Windows 10 IoT.

Specifications

Operating system	Windows 10 IoT Enterprise for Thin Clients 64
Processor family	Intel® Celeron® processor
Processor	Intel® Celeron® 5205U (1.9 GHz base frequency, 2 MB L2 cache, 2 cores)
Memory	8 GB DDR4-2400 MHz RAM (2 x 4 GB)
Memory Slots	2 SODIMM
Internal Storage	128 GB M.2 SATA SSD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics
Display	35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC
Display size (diagonal)	35.6 cm (14")
Audio	Stereo speakers, mono or dual array microphone.
Minimum dimensions (W x D x H)	32.42 x 23.77 x 1.8 cm *(Height varies depending on where measurement made.)*
Weight	Starting at 1.6 kg *(Weight will vary by configuration.)*
Keyboard	HP Premium Keyboard – minor spill-resistant keyboard
Pointing device	Clickpad with multi-touch gesture support
Camera	720p HD camera
Ports	1 USB 2.0 (charging)[12]
Expansion slots	1 multi-format digital media reader *(Supports SD, SDHC, SDXC.)*
Ports	1 headphone/microphone combo; 1 RJ-45; 1 USB 2.0 (charging); 1 USB 3.1 Type-C™ (charging); 1 HDMI 1.4; 2 USB 3.1 Gen1
Network interface	Realtek 10/100/1000 GbE NIC
Wireless	Intel® Dual Band Wireless-AC 9560 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo, non-vPro®
Protocols	Citrix® ICA/HDX; Microsoft RFX/RDP; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme
Power	HP Smart 45 W External AC power adapter[16]
Battery type	HP Long Life 3-cell, 45 Wh Li-ion
Ecolabels	EPEAT® registered
Sustainable impact specifications	Low halogen; TCO 5.0 Certified

Security management	Fingerprint reader; Preboot authentication; HP Power On Authentication; HP SureStart Gen5; Secure Erase; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); Absolute persistence module; Windows Defender; HP BIOSphere Gen5; HP Write Manager[2,15,18,19, 20, 21, 22,26,27,29]
Software included	HP Device Manager; HP Easy Shell; HP ThinUpdate; HP True Graphics; HP USB Port Manager; HP Noise Cancellation Software; HP BIOS Config Utility; HP Easy Tools; HP Smart Zero Client Services[27]
Browser supported	Internet Explorer 11 (for Windows 10 IoT for Thin Clients); Mozilla Firefox 19 (for models with HP Thin Pro and HP Smart Zero Core)
UPC number	(A2N) 195697240331; (AB6) 195697240348; (AB7) 195697240362; (AB8) 195697240355; (AB9) 195697253102; (ABB) 195697253119; (ABD) 195697253096; (ABE) 195697253065; (ABF) 195697253034; (ABH) 195697253904; (ABN) 195697253881; (ABT) 195697261831; (ABU) 195697261848; (ABV) 195697261824; (ABY) 195697261817; (ABZ) 195697261800; (ACB) 195697261794; (ACQ) 195697261770; (AK8) 195697261787; (AKC) 195697261756; (AKS) 195697261763; (BCM) 195697261732; (UUG) 195697261718; (UUZ) 195697261701
Manufacturer Warranty	3 year (3-3-0) limited warranty and service offering includes 3 years of parts and labor. 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/.
Battery brand	HP
Battery capacity	45
Battery capacity uom	Wh
Battery cells number	3
Battery life	Long Life
Battery type	Li-ion
Bluetooth version	Bluetooth® 5.0
Camera resolution (vertical)	720p
Camera resolution standard	HD
Color gamut	45% NTSC
Datasheet photo 1	AHID/4a9436e95bdc485ffc3fade2173cab17665554f8
Datasheet photo 2	Publication logos/HP_Care_Pack_RGB_blue_NT.jpg
Datasheet photo 3	AHID/67782b7075cfb8ad361a3b5dc6280ffe98e82d49
Datasheet photo 4	AHID/7a56e6876a64cdfed87b45248bdd5e9535a3ffb6
Datasheet photo 5	AHID/394468e0d5174a572b8749a1491375e9bf8fc364
Display	35.6 cm (14") diagonal FHD display
Display brightness	250
Display brightness uom	nits
Display panel technology	IPS
Display resolution (pixels)	1920 x 1080
Display resolution standard	FHD
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	[12]
I/O Port location	Right side
I/O Port location	Left side

Keyboard features	Minor spill-resistant
Keyboard name	HP Premium Keyboard
Memory layout (slots & size)	2 x 4 GB
Memory module type	DIMM
Memory size	8
Memory size uom	GB
Memory speed	2400
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	2
Operating humidity range	10% to 90%, non-condensing
Operating temperature range	32 to 95°
Operating temperature range	0° to 35°
Processor Brand	Intel®
Processor base frequency	1.9
Processor base frequency uom	GHz
Processor cache	2 MB L2
Processor core	2
Processor family	Celeron®
Processor model	5205U
Processor threads	4
Product long name specifications	HP mt22 Mobile Thin Client, Windows 10 IoT Enterprise for Thin Clients 64, Intel® Celeron®, 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 2400 MT/s.
Storage capacity 01	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
Wireless Model	Wireless-AC 9560
Wireless antenna	2x2
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Intel®
vPro enabled	non-vPro®

[2] Bluetooth®, Fingerprint reader, Windows Defender, HP Easy Shell and HP Write Manager are optional features, require Windows 10 IoT and must be configured at purchase.

[12] HDMI cable sold separately.

[15] Sold seperately or as an optional feature.

[16] Availability may vary by country.

[18] HP BIOSphere Gen5 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.

[19] 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 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.

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

[22] HP Sure Start Gen5 is available on select HP PCs with Intel processors. See product specifications for availability.

[26] Fingerprint Reader is an optional feature that requires Windows 10 IoT and must be configured at purchase.

[27] Windows Defender, HP Easy Shell and HP Write Manager require Windows 10 IoT.

[29] o TPM 2.0 is limited on HP ThinPro/HP Smart Zero, and functionality is dependent upon use of a customer-enabled application that can locate the TPM chip.

Accessories

Batteries/Chargers/Adapters

★ : Recommended

AC Adapters

HP 65W Smart AC Adapter	**H6Y89AA ★**
HP USB-C Travel Power Adapter 65W	**X7W50AA ★**
HP 45W Smart AC Adapter	**H6Y88AA ★**
HP 65W Slim AC Adapter	H6Y82AA
HP 65W USB-C LC Power Adapter	1P3K6AA
HP 65W USB-C Slim Travel Power Adapter	3PN48AA

Power Adapters

HP 65W USB-C Power Adapter	**1HE08AA ★**
HP 45W USB-C G2 Power Adapter	1HE07AA

Power Packs

HP USB-C Essential Power Bank	3TB55AA	obsolete

Keyboards/Mice and Input Devices

Keyboard and Mouse Kits

HP Slim Wireless Keyboard and Mouse	**T6L04AA ★**
HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
HP Wired Desktop 320MK Mouse and Keyboard	9SR36ET
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA

Mice

HP Comfort Grip Wireless Mouse	**H2L63AA ★**
HP USB Premium Mouse	**1JR32AA ★**
HP 128 Laser Wired Mouse	265D9AA
HP 3-button USB Laser Mouse	H4B81AA
HP 3-button USB Laser Mouse	H4B81ET
HP 635 Multi-Device Wireless Mouse	1D0K2AA
HP 935 Creator Wireless Mouse	1D0K8AA
HP Bluetooth Travel Mouse	6SP30AA
HP Elite Presenter Mouse	2CE30AA

HP Elite Presenter Mouse	2CE30ET	
HP Ultra Mobile Wireless Mouse	H6F25AA	obsolete
HP Wired Desktop 320M Mouse	9VA80AA	
HP Wired Desktop 320M Mouse	9VA80ET	
HP Wireless Premium Mouse	1JR31AA	
HP X4000b Bluetooth Mouse	H3T50AA	
USB Travel Mouse	G1K28AA	
USB Travel Mouse	G1K28ET	

Keyboards

HP Wireless (Link-5) Keyboard	**T6U20AA ★**
HP 125 Wired Keyboard	266C9AA
HP Wired Desktop 320K Keyboard	9SR37AA
HP Wired Desktop 320K Keyboard	9SR37ET

Security and Protection

PC Locks

HP Sure Key Cable Lock	**6UW42AA ★**
HP Master Keyed Cable Lock 10mm	**T1A63AA ★**
HP Keyed Cable Lock 10 mm	**T1A62AA ★**
HP Combination Lock	T0Y15AA
HP Essential Combination Lock	T0Y16AA

Privacy Filter

HP 14-in Privacy Filter	J6E65AA

Docking and Port Replicators

Docking Stations

HP Thunderbolt Dock 120W G2	**2UK37AA ★**
HP Thunderbolt Dock 120W with HDMI Adapter	**6HP48AA ★**
HP USB-C/A Universal Dock G2	**5TW13AA ★**
HP USB-C Dock G5	**26D32AA ★**
HP USB-C Dock G5	**5TW10AA ★**
HP Thunderbolt Dock 120W G2	2UK37ET
HP Thunderbolt Dock 120W G2 with Audio	3YE87AA

HP USB-C Dock G5	5TW10ET
HP USB-C Mini Dock	1PM64AA
HP USB-C/A Universal Dock G2	5TW13ET

Docking Accessories

HP Thunderbolt Dock Audio Module	3AQ21AA

Cabinets and Stands

Carts

HP 20 Mgd Charging Cart V2	T9E83AA
HP 30 Mgd Charging Cart V2	T9E85AA

Audio/Multimedia and Communication Devices

Headsets

HP Business Headset v2	T4E61AA
HP Stereo 3.5mm Headset	T1A66AA
HP Stereo USB Headset	T1A67AA

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

PC Drives and Storage

PC DVD Drives

HP External USB DVDRW Drive	F2B56AA
HP External USB DVDRW Drive	F2B56ET
HP USB External DVD-RW Writer	Y3T76AA

Cables/Cable Kits/Cable Adapters

Audio and Video Cables

HP HDMI to DVI Adapter	F5A28AA

Cable Adapters

HP Thunderbolt 120W G2 Cable	3XB94AA
HP USB Type-C to RJ45 Adapter	V8Y76AA
HP USB-C to DP Adapter	N9K78AA
HP USB-C to RJ45 Adapter	V7W66AA
HP USB-C to USB 3.0 Adapter	N2Z63AA
HP USB-C to USB-A Hub	Z6A00AA
HP USB-C to VGA Adapter	N9K76AA
HP USB-C to VGA Display Adapter	P7Z54AA

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Adapter	H4F02AA
HP HDMI to VGA Adapter	H4F02ET

Business Monitors

★ : Recommended

EliteDisplays

HP EliteDisplay E243 60.45 cm (23.8") Monitor	**1FH47AA ★**	obsolete
HP EliteDisplay E243d 23.8-inch Docking Monitor	**1TJ76AA ★**	
HP EliteDisplay E243 23.8-inch Monitor	1FH47AS	obsolete
HP EliteDisplay E243 23.8-inch Monitor	1FH47AT	obsolete
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AT	
HP EliteDisplay E243d 23.8-inch Docking Monitor	7MP20AA	obsolete
HP EliteDisplay E243m 60.45 cm (23.8") Monitor	1FH48AA	
HP EliteDisplay E273m 68.58 cm (27") Monitor	1FH51AA	
HP EliteDisplay S14 14-inch Portable Display	3HX46AA	obsolete

Z Displays

HP DreamColor Z31x Studio Display	Z4Y82A4
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 E24d G4 FHD USB-C Docking Monitor	6PA50AA	obsolete
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 E27d G4 QHD USB-C Docking Monitor	6PA56AA	obsolete
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	
HP Healthcare Edition HC241p Clinical Review Monitor	3ME69AA	

ProDisplays

HP Mini-in-One 24 Display	7AX23AA

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

S-Series

HP S430c 43.4-inch Curved Ultrawide Monitor	5FW74AA	obsolete

Personal Systems Software Services

★ : Recommended

Personal Systems Electronic Software Delivery E-LTUs

HP 1y TC Conversion Solution 1User E-LTU	UB5X4AAE
HP 3y TC Conversion Solution 1User E-LTU	UB5X5AAE

Application Software

Thin Client Software

HP Device Manager 5.0	DEVMGR5
HP Device Manager 5.0	HPDMPRE
HP ThinPro Upgrade E-LTU for HP t520/t620 Thin Client	1MY25AAE
HP ThinPro for PC Converter	6NT16AAE

Cloud Client Solutions

★ : Recommended

Cloud Client Solutions

Thin Client Solution for Contact Centers	TC-CONTACTCTR
Thin Client Solution for Healthcare	TC-HEALTH

Disclaimer — Copyright

Intel is trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. Bluetooth is a trademark of its proprietor and used by HP Inc. under license. USB Type-C™and USB-C™are trademarks of USB Implementers Forum. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency.

Generated by Dynamic Collateral Tool – (eu-en) – Jul 30, 2021 12:27 PM UTC+0000