Datasheet

HP mt42 Mobile Thin Client

Top-of-the-line mobile cloud companion

Take your workload by the horns with the HP mt42 Mobile Thin Client, HP's thinnest, lightest, and most powerful mobile thin client. Access the cloud and your virtual desktop with Windows 10 IoT Enterprise for Thin Clients[7] on a stylish and fully-loaded design without the bulk.

Sophisticated portability
- Work smart and make a great impression with a remarkably lightweight and stylish ID that includes a 35,56 cm (14") diagonal Full HD[1] display and a 150-degree extra-wide hinge range for increased viewing options.

Productivity powerhouse
- Crush your to-do list with AMD's robust quad-core[2] processing technology, A8-Pro-8600B with Radeon™ R6 Graphics, advanced I/O for your displays and devices from DisplayPort, HDMI, VGA, USB, and USB-C™, and a long battery life.

Integrated software sweetens the deal
- Streamline deployments, enhance the user experience, and enable smooth management with HP-exclusive software that includes HP Device Manager, HP Velocity, and HP Easy Shell.[3]

Optimized for your cloud and VDI environments
- Enjoy premium virtualization with top ISV partners, including Citrix®, VMware®, and Microsoft, plus features like an integrated browser for cloud connections, full enterprise receiver support, single sign-on support, and multimedia redirection.

Additional features:
- Improve wired and Wi-Fi network performance and the end user experience with HP Velocity software.
- Help ensure data security by keeping it off the local device, and get added protection from the TPM chipset and Windows with Write Filter.
- Make it easy to deploy, manage, and maintain your install base with HP Device Manager.
- Simplify the HP Thin Client Windows Embedded user experience with HP Easy Shell's customized interface and protection for targeted cloud control.[3]
- Feel right at home and make life easier for IT administrators with Windows 10 IoT Enterprise for Thin Clients[7], which supports Microsoft Office 365[4] and your peripheral drivers.
- Easily collaborate with Ethernet and wireless[5] networking, broadened unified communications support, and integrated audiovisual features.
- Work without worry with a thin client that's designed to pass MIL-STD-810G testing[6] and has a spill-resistant keyboard.

HP mt42 Mobile Thin Client Specifications Table

Available Operating System	Windows Embedded Standard 7E 32 Windows 10 IoT Enterprise for Thin Clients[8]
Available Processors	AMD A8 PRO-8600B APU with Radeon™ R6 Graphics (1.66 up to 3 GHz, 2 MB cache, 4 cores)
Chipset	SoC
Maximum Memory	Up to 4 GB DDR3L-1600 SDRAM[1] Standard memory note: Transfer rates up to 1600 MT/s
Memory Slots	2 SODIMM
Internal Storage	up to 32 GB M.2 SSD[2]
Display	35,56 cm (14") diagonal LED backlit FHD slim eDP SVA anti-glare (1920 x 1080)[5]
Available Graphics	Integrated: AMD Radeon™ R6
Audio	Bang & Olufsen audio with dual-array microphone and two premium speakers
Communications	LAN: Broadcom 5762 GbE WLAN: Broadcom 943228a/b/g/n (2x2) dual band 802.11 with Bluetooth® 4.0 LE[3,4] WWAN: HP hs3110 HSPA+ Mobile Broadband; HP lt4120 LTE/HSPA+ 4G Mobile Broadband[3,4]
Expansion Slots	1 SD reader; 1 SC reader; 1 WWAN SIM (Supports SD, SDHC, SDXC)
Ports and Connectors	2 USB 3.0 (1 charging); 1 VGA
Input Device	HP Advanced Keyboard with dual-point, spill-resistant with drain Touchpad with on/off button, two-way scroll, gestures, two pick buttons, joy stick
Camera	720p HD webcam (select models)[5]
Available Software	HP Velocity; HP Easy Shell; HP Device Manager
Security Management	Security lock slot; Trusted Platform Module (TPM) 1.2/2.0; Integrated smart card reader; Preboot authentication[7]
Power	65 W Smart AC adapter (external); 45 W Smart AC adapter (external); 45 W 2-prong AC adapter (external) HP 3-cell (46 WHr) Li-ion
Dimensions	338 x 237 x 20.65 mm (Height varies depending on where measurement made)
Weight	Starting at 1.54 kg (Weight will vary by configuration.)
Environmental	Low halogen
Energy Efficiency Compliance	ENERGY STAR® qualified configurations available

HP mt42 Mobile Thin Client

Accessories and services (not included)

HP 5 year Next business day
onsite Notebook Only
Hardware Support

HP Care Pack

With high-quality remote assistance or convenient onsite support available 24x7, help is there when you need it—so you can get back to work.
Product number: UK744E

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Messaging Footnotes

[1] HD content required.
[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 will vary depending on your hardware and software configurations. AMD's numbering is not a measurement of clock speed.
[3] HP Easy Shell is currently available on Windows Embedded Standard 7E, Windows Embedded Standard 7P, Windows Embedded 8 Standard, and Windows Embedded 8.1 Industry Pro.
[4] Sold separately.
[5] Wireless access point and Internet service required. Availability of public wireless access points limited.
[6] 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. Damage under the MIL STD test conditions and accidental damage requires optional HP Accidental Damage Protection Care Pack.
[7] Windows 10 IoT Enterprise for Thin Clients is planned for availability on the HP mt42 in December 2015. 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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.microsoft.com

Technical specifications disclaimers

[1] Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
[2] For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 8 and 10) is reserved for system recovery software.
[3] All wireless options are sold separately or as optional features. For all 802.11 wireless, wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.
[4] WWAN use 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, and in all regions.
[5] HD content required to view HD images.
[6] External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
[7] 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).
[8] Windows 10 IoT Enterprise for Thin Clients is planned for availability on the HP mt42 in December 2015. 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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.microsoft.com.

Learn more at
www.hp.eu/thinclients

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