HP Elite mt645 G7 Mobile Thin Client (769N5UT)

Experience exceptional cloud productivity and performance.

Drive productivity and performance in a hybrid work environment with the fast, efficient AMD Ryzen™ processor1 and premium, commercial-grade connectivity and security features on this thin client. This strikingly designed, durable mobile thin client can withstand wear and tear and undergoes MIL-STD testing5— making the most of your technology investment.

Powered for hybrid cloud work
Effectively tackle heavy workloads with the AMD Ryzen™ 5000 series processor[1] and advanced connectivity options.

Multi-layered security features
Premium features help protect your system and data from threats with HP Sure Start[3] and firmware TPM 2.0.[4]

Elegant design, built to last
Confidently carry this mobile thin client with a durable, striking design that undergoes MIL-STD testing.[5]

Specifications

Operating system	Windows 10 IoT Enterprise
Processor family	AMD Ryzen™ 3 processor
Processor	AMD Ryzen™ 3 5425U (up to 4.1 GHz max boost clock, 8 MB L3 cache, 4 cores, 8 threads)
Chipset	SoC
Memory	8 GB DDR4-3200 MHz RAM (2 x 4 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ SSD
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC
Display	14" diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC[17,18, 19, 20, 21]
Display size (diagonal)	35.6 cm (14")
Display size (diagonal)	14"
Audio	Dual stereo speakers, dual array microphones
Minimum dimensions (W x D x H)	32.19 x 21.39 x 1.99 cm
Weight	Starting at 1.38 kg
Keyboard	Spill-resistant keyboard
Pointing device	Clickpad with gesture support, on/off button, two-way scroll
Camera	720p HD camera
Ports	1 AC power; 1 headphone/microphone combo; 1 RJ-45; 1 HDMI 2.0; 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 4 SuperSpeed USB Type-A 5Gbps signaling rate (charging)[12] *(HDMI cable sold separately.)*
Wireless	Realtek RTL8852BE Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo
Protocols	Citrix® ICA; Microsoft RFX/RDP; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme (Protocols are dependent on operating system installed.); Azure Virtual Desktop add-on; Microsoft 365
Power	HP 65 W USB Type-C™ adapter[29]
Battery type	HP Long Life 3-cell, 51 Wh Li-ion
Management features	HP Cloud Endpoint Manager; HP Write Filter; HP BIOS Configuration Utility; HP Device Manager[22]
Sustainable impact specifications	Low Halogen
Security management	USB enable/disable (via BIOS); Power-on password (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; HP Secure Erase; BIOS Update via Network; HP BIOSphere Gen6; HP Sure Start Gen7; HP Tamper Lock; HP DriveLock and Automatic DriveLock[23,24,27]
Software included	HP Connection Optimizer; HP Hotkey Support[33]
Browser supported	Mozilla Firefox; Mozilla Firefox (models with HP ThinPro); Microsoft Edge; Microsoft Edge (models with Windows)
UPC number	197029451651

Top Recommended Displays, Accessories and Services

Personal Systems Hardware Support Onsite Service

HP 3 year Next Business Day Response Onsite Notebook Hardware Support	U4414E
HP 3 year Next Business Day Response Onsite w/Accidental Damage Protection NB HW Supp	UC279E
HP 4 year Next Business Day Response Onsite Notebook Hardware Support	U7860E

Messaging Footnotes

[1] 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] HP Sure Start Gen 7 is available on select HP devices. See product specifications for availability.

[4] 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.

[5] 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. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

Technical Specifications Footnotes

[12] SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4.

[17] 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.

[18] Actual brightness will be lower with touchscreen or Sure View.

[19] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[20] Touchscreen display not available with ThinPro and Smart Zero Core.

[21] HD content required to view HD images.

[22] Select HP mt645 Mobile Thin Clients are pre-loaded with HP Cloud Endpoint Manager for a 12-month term, starting at device enrollment. CEM supports endpoints running Windows 10 IoT 2016 or later or ThinPro 7.2 SP8 or later. At the end of the 12-month period, a new license will be required to continue accessing all features. For complete details, configuration requirements, and feature listings as they become available, see datasheet at the following URL: https://www8.hp.com/h20195/v2/GetDocument.aspx?docname=c08045808 .

[23] HP BIOSphere Gen6 features may vary depending on the platform and configuration.

[24] HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 and higher.

[27] Tamper Lock is an optional feature that must be configured at time of purchase.

[29] Availability may vary by country.

[33] Windows only.