HP Elite mt645 G7 Mobile Thin Client with IGEL OS

Bring security and performance to your hybrid workforce with the beautifully designed HP Elite mt645 G7 Mobile Thin Client powered by IGEL OS.[1]

Powered for hybrid cloud work
Effectively work in the office or remotely with advanced networking options and premium features. Get long-term productivity and tackle heavy workloads with the AMD Ryzen™ 5000 series processor[2] and varied connectivity options.

Stay connected anywhere
Wired or wireless, this HP Elite mt645 G7 Mobile Thin Client offers varied connection options to suit your workstyle and workspace. Get a standard RJ-45 port and choose optional Wi-Fi 6[3,12]— no dongles needed.

Multi-layered security features
Get peace-of-mind with premium features that help protect your device. Designed for hybrid environments with HP Sure Start[15] and other versatile security options.

Elegant design, built to last
Durably designed with a refined aesthetic, carry this striking mobile thin client with confidence. The sturdy chassis can withstand daily wear and tear and undergoes MIL-STD testing.[5] Keep it clean with common household cleaning wipes.[6]
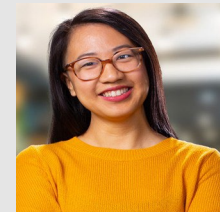
Blazing-fast storage
Built for optimal performance, the stable PCIe NVMe SSD with up to 256GB[7] provides highly responsive boot-up. This latest technology in storage quickly loads your operating system and apps—so you can maintain focus on productivity. Lean, efficient IGEL OS[1] helps your apps run at peak performance.

Stay productive and secure with IGEL OS

IGEL OS[1] is extremely lightweight, modular, read-only, and does not store any data on the device. It supports smart card reader and SSO technologies while ensuring end-to-end system integrity with IGEL's chain of trust. IGEL enables secure and managed access to apps and desktops anywhere without compromise.

Designed for

Home & Office Navigator

IT Decision Maker, IT Administrator, IT Team Members

Perfect solution for UC communications

IGEL OS supports the latest version of leading UC tools Zoom, Microsoft Teams, Cisco Webex, and more. HDX multimedia off-loading for enhanced high-definition graphics and high-fidelity audio/video calls.

HP Elite mt645 G7 Mobile Thin Client

Component	Description
Dimensions	321.95mm x 213.95mm x 19.95; 3.02 lbs, 1.37kg[7] (non-touch)
Operating System	IGEL OS 11.08.230[1]
Architecture	AMD Barcelo R3 5425U[2]
Display Support	14" FHD 250 nit (1920X1080), IPS, Anti-glare 14" FHD 400 nit (1920X1080), IPS, Anti-glare
Graphics	Integrated Radeon Graphics
Memory	8, 16 GB DDR4 (3200)[11]
Flash Storage	128, 256 GB PCIe NVMe M.2 SSD[7]
Connectivity	WLAN QFC 6900 Wi-Fi 6 160MHz +BT 5.2 WW[3,12] WLAN RT 8852BE Wi-Fi 6 +BT 5.2 WW2
Collaboration/Audio	Dual Stereo speakers; Dual array mics
Input Devices	720p HD Webcam[16] with Temporal Noise Reduction
Power	Choose: 42Whr or 51Whr[13] battery 45W/65W USB-C Adapter (65W Required for HP Fast Charge)[14] 65W AC Adapter (required for HP Fast Charge)[14]
Security	HP Sure Start Gen 7[15], HP Privacy camera optional[16], K-lock[17] and HP TamperLock[18], Smart Card Reader[10]
Durability/Sustainability	Pass 19 MIL-STD 810H[5] including drop, Spill-resistant KB[19] Wipeable[6], Low Halogen
Manageability and Software	IGEL Universal Management Suite[20]
I/O	3 USB-A 3.1 (1x charging port, 1/side): 1x USB-C (MF); 1x RJ45, 1x HDMI 2.0 (up to 4K 60fps); 1x combo audio/mic jack, 1x SIM card slot external[21]

FOOTNOTES

1. Select versions of IGEL OS are preinstalled on HP thin client hardware. Please contact your HP Sales Representative about HP Custom Integration Services for specific IGEL OS versions.
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. HP Elite mt645 G7 Mobile Thin Client Wi-Fi 6 is an optional feature that must be configured at the time of purchase, does not support Wi-Fi 6E standard and does not operate under 6GHz band. The products are compatible with 6GHz and other routers, sold separately, which have capability to and will operate in 2.4Ghz and will operate in 2.4Ghz and 5GHz bands in compliance with Wi-Fi 6 and prior 802.11 specs. The actual throughput depends on network condition and router configuration. Internet service required and public wireless access points are limited.
4. HP BIOSphere Gen6 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations
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.
6. See wipe manufacturer's instructions for disinfecting and the HP cleaning guide for HP tested wipe solutions at How to Sanitize Your HP Device Whitepaper.
7. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less.
8. Weight will vary by configuration.
9. 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.
10. Smart Card Reader is an optional features that must be configured at purchase.
11. Optional feature that must be configured at the time of purchase.
12. Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs.
13. Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.
14. 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.
15. HP Sure Start Gen 7 is available on select HP devices. See product specifications for availability.
16. HP Privacy Camera only available PCs equipped with HD or IR camera and must be installed at the factory.
17. Lock must be purchased separately.
18. HP Tamper Lock is an optional feature that must be configured at the factory and requires a supervisor password be established prior to use.
19. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
20. IGEL Universal Management Suite manages IGEL OS powered devices.
21. SIM card slot is not user accessible without WWAN configuration.

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