

# HP mt21 Mobile Thin Client series



The stylish new HP mt21 Mobile Thin Client is fully-featured, thin, and light. Stay productive in the office and on the go. A rich user experience with tight security wherever you take it.



## Ultra Slim. Ultra Durable.

- The HP mt21 Mobile Thin Client delivers stylish design to every business. An ultra-slim exterior encases a stylish robust aluminum keyboard deck. Passed MIL-STD 810G testing to help ensure durability and sturdiness.<sup>1</sup>

## Your office, wherever you go

- An intense rich, immersive user experience is delivered through a 14" diagonal display, with HP Audio Boost and HP Noise cancellation. Delve in with built in speakers and microphone with high-definition 720p webcam<sup>2</sup> for optimal mobile collaboration.

## Keep your desk clutter-free

- With a single cable, it's simple to make a quick transition to desktop productivity. Supporting docking via USB-C™, connect to multiple external displays, as well as a power source and a gigabit network connection through optional docks.<sup>2</sup>
- 7th generation Intel® Celeron® processor matched with a 128 GB flash memory drive and DDR4 SDRAM system memory delivers commercial notebook PC-like performance for a cloud optimized mobile thin client
- Outstanding battery life gets you through a day of back-to-back meetings without plugging in. HP fast-charging technology recharges your battery 90% in 90 minutes.
- Whether it's the optional finger print reader, Windows 10 IoT Enterprise security features, or the locked file system of HP ThinPro, malware and security attacks don't stand a chance when you're on the move.
- The Trusted Platform Module 2.0 embedded security chip (TPM) provides hardware-based encryption keys to help secure your data, e-mail, and user credentials.
- Hardware and software optimized for the newest commercial cloud ecosystems and VDI-optimized for traditional server-based computing strategies.
- Proven quality and reliability ensured through no less than 120,000 hours of reliability testing through HP's Total Test Process and passed MIL-STD testing.
- The elegantly designed HP Premium Keyboard offers peace of mind and protection from minor spills with a thin layer of mylar film. With the backlit option, the easy to read keys will also remain smooth from consistent force.
- Dramatically improve the audio from your computer with HP Audio Boost. You will experience impressive clear sound quality and the right balance for the ultimate listening experience.
- The full-size ports allow you to connect to projectors or a wired network with no adapter cables. You can also charge your phone, connect to displays and dock with USB-C™ port.
- HP Device Manager allows you to streamline the management of all your thin client devices. You can securely, efficiently and remotely control the full life cycle of the deployed thin client devices.

## HP mt21 Mobile Thin Client series Specifications Table



<b>Available Operating Systems</b>	Windows 10 IoT Enterprise for Thin Clients <sup>1</sup> HP ThinPro with Smart Zero Core
<b>Browser</b>	Internet Explorer 11 (models with Windows); Mozilla Firefox (models with HP ThinPro)
<b>Available Processors</b>	Intel® Celeron® 3865u with Intel HD Graphics (1.8 GHz, 2 cores) <sup>2,3,4</sup>
<b>Maximum Memory</b>	8 GB DDR4-2400 SDRAM <sup>5</sup> (Transfer rates up to 2133 MT/s)
<b>Memory Slots</b>	2 SODIMM
<b>Internal Storage</b>	up to 128 GB M.2 SATA SSD <sup>6</sup>
<b>Available Graphics</b>	Intel® HD Graphics <sup>8</sup>
<b>Expansion Slots</b>	1 multi-format digital media reader (Supports SD, SDHC, SDXC)
<b>Display</b>	14" diagonal HD anti-glare LED-backlit (1366 x 768); 14" diagonal FHD anti-glare LED-backlit (1920 x 1080) <sup>9,11,20,21</sup>
<b>Networking</b>	LAN: Realtek RTL8111HSH Gigabit Ethernet <sup>14</sup> WLAN: Intel® Dual Band Wireless-AC 8265 802.11ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo <sup>7</sup>
<b>Protocols</b>	Citrix® ICA; Microsoft RDP; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme (Protocols are dependent on operating system installed.)
<b>Input Devices</b>	HP Premium Keyboard, minor spill-resistant ; ClickPad with on/off button, supports 2-way scroll, taps and gestures enabled by default, two-finger scrolling, two finger zoom (pinch)
<b>Camera</b>	720p HD webcam (select models) <sup>8,9,10</sup>
<b>Security</b>	Preboot authentication; Security lock slot (lock must be purchased separately); Trusted Platform Module (TPM) 2.0; Fingerprint reader
<b>Ports and Connectors</b>	Left side: 1 USB 3.1 Gen 1 (charging); 1 headphone/microphone combo; SD card reader Right side: 1 USB Type-C™; 1 USB 3.1 Gen 1; 1 HDMI; 1 RJ-45; 1 VGA; 1 AC power <sup>13,19</sup>
<b>Dimensions (W x D x H)</b>	33.6 x 23.8 x 1.99 cm
<b>Weight</b>	Starting at 1.63 kg Weight will vary by configuration.
<b>Software</b>	HP Easy Shell; HP Velocity; HP Hotkey Filter; HP USB Port Manager; HP Write Manager <sup>12</sup>
<b>Power</b>	45 W Smart AC adapter; 45 W 2-prong AC adapter (Japan only); 65 W Smart AC adapter <sup>19</sup> HP Long Life 3-cell, 48 Wh Li-ion <sup>18</sup>
<b>Energy Efficiency Compliance</b>	ENERGY STAR® certified and EPEAT® Gold registered configurations available <sup>16,17</sup>
<b>Warranty</b>	HP Services offers a 1-year limited warranty. On-site service varies by country. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at <a href="http://www.hp.com/go/cpc">http://www.hp.com/go/cpc</a> .

## HP mt21 Mobile Thin Client series

Accessories and services (sold separately)

### HP 65W Slim AC Adapter



Be productive with the HP Slim 65W Combo Adapter, which can power your HP Business Notebook or Ultrabook™.

**Product number: H6Y82AA**

### HP USB-C to DP Adapter



Put your notebook or tablet's high-definition video content up on the big screen with the HP USB-C™ to DP Adapter, which enables connection to an external display, TV or projector

**Product number: N9K78AA**

### HP Essential Combination Lock



Put your own spin on your notebook lock with the programmable HP Combination Lock, designed for any HP notebook with a standard lock slot.

**Product number: TOY16AA**

### HP USB-C to USB-A Hub



Optimize your workspace with easy connectivity to your frequently-used accessories in the office and on the road. Convert your notebook or tablet's USB-C™ port to a portable, lightweight USB hub and enable simultaneous connections to up to three USB accessories with the HP USB-C to USB-A Hub.

**Product number: Z6A00AA**

### HP 5-year Next Business Day Thin Client Only Hardware Support



Receive 5 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. For more information on Care Pack services, please visit [www.hp.com/go/cpc](http://www.hp.com/go/cpc).

**Product number: U7933E**

## Messaging Footnotes

- <sup>1</sup> Pass MIL-STD 810G testing, 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.
- <sup>2</sup> Sold separately or as an optional feature.
- <sup>3</sup> 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 is not a measurement of higher performance.
- <sup>4</sup> In accordance with Microsoft's support policy, HP does not support the Windows® 8 or Windows 7 operating system on products configured with Intel® and AMD 7th generation and forward processors; or provide any Windows® 8 or Windows 7 drivers on <http://www.support.hp.com>
- <sup>5</sup> Recharges the battery up to 90% within 90 minutes when the system is off or in standby mode when used with the power adapter provided with the notebook. After charging has reached 90% capacity, charging speed will return to normal. Charging time may vary +/-10% due to System tolerance.

## Technical Specifications Footnotes

- <sup>1</sup> 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. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>
- <sup>2</sup> In accordance with Microsoft's support policy, HP does not support the Windows® 8 or Windows 7 operating system on products configured with Intel® and AMD 7th generation and forward processors; or provide any Windows® 8 or Windows 7 drivers on <http://www.support.hp.com>.
- <sup>3</sup> Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode. Multiple Cores improves performance of certain software products. Not all users 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 is not a measurement of higher performance.
- <sup>4</sup> HD content required to view HD images.
- <sup>5</sup> Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If memory speeds are mixed, the system will perform at the lower memory speed.
- <sup>6</sup> For storage drives, GB = 1 billion bytes, TB = 1 trillion bytes. Actual formatted capacity is less.
- <sup>7</sup> Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices.
- <sup>8</sup> HD content required to view HD images.
- <sup>9</sup> Webcam included on select models.
- <sup>10</sup> Internet access required.
- <sup>11</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- <sup>12</sup> HP Easy Shell and HP Write Manager are available on HP Thin Clients with a Windows OS. Software availability varies by operating system.
- <sup>13</sup> HDMI cable sold separately.
- <sup>14</sup> The term "Gigabit Ethernet" indicates compatibility with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.
- <sup>16</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.
- <sup>17</sup> Configurations of the HP mt21 Mobile Thin Client that are ENERGY STAR certified are identified as HP mt21 Mobile Thin Client ENERGY STAR on HP websites and on [www.energystar.gov](http://www.energystar.gov). ENERGY STAR® certified configurations are identified on HP websites and on <http://www.energystar.gov>.
- <sup>18</sup> Battery is internal and not replaceable by customer. Serviceable by warranty.
- <sup>19</sup> Power adapters are chosen depending on your configurations.
- <sup>20</sup> Full HD display is optional

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