

## HP t640 Thin Client Bundle (7E3B7UA)



### The highly secure thin client optimized for workplace productivity

Tackle your hybrid local and virtual computing workloads with the HP t640 Thin Client. Help keep your data and device safe across your workflows with built-in security features. Choose the right fit for your specific users and environment with a range of subsystem options.



#### Maximize what you can accomplish

Empower your workforce with performance that conquers every task—an AMD Ryzen™ R1505G processor[1], high-speed, responsive system memory, and native support for up to three UHD/4K displays.

#### Refined security

Encrypt data as it flows between the system memory and processor, protect firmware, and lock down access with an inherently secure thin client that has AMD Memory Guard, an embedded OS, and a NIST SP800-193 component.

#### Modern flexibility

Select from up to 35 different subsystem options, including wired or wireless networking and support for legacy peripherals. Conveniently position the thin client in up to six different orientations with an integrated VESA mount.[2]

### Featuring

#### Optimize for your environment

Balance the load on remote resources with the HP t640 Thin Client that easily integrates into your virtualized computing or a hybrid cloud computing environment.

#### Built for the modern workspace

Create a more modern workspace by configuring your HP t640 Thin Client to work with a USB-C® docking display.

#### Proactive protection controls

Deter unauthorized updates with an embedded operating system that protects flash memory. Customize user settings and permissions to monitor and control incoming and outgoing data.

#### Do not disturb

Create a working environment focused on productivity with the fanless t640 Thin Client equipped with modern solid-state drives for near silent operation.

## Specifications

|                                          |                                                                                                                                           |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating system</b>                  | Windows 10 IoT Enterprise                                                                                                                 |
| <b>Processor</b>                         | AMD Ryzen™ R1505G (2.4 GHz base clock, up to 3.3 GHz max boost clock, 4 MB L3 cache, 2 cores)                                             |
| <b>Memory</b>                            | 8 GB DDR4-2400 MHz RAM (2 x 4 GB)                                                                                                         |
| <b>Memory Slots</b>                      | 2 SODIMM                                                                                                                                  |
| <b>Internal Storage</b>                  | 64 GB Flash memory                                                                                                                        |
| <b>Graphics</b>                          | Integrated                                                                                                                                |
| <b>Graphics (integrated)</b>             | AMD Radeon™ Vega 3 Graphics                                                                                                               |
| <b>Audio</b>                             | Internal amplified speaker system for basic audio playback                                                                                |
| <b>Minimum dimensions (W x D x H)</b>    | 3.5 x 19.6 x 19.6 cm<br>(Vertical orientation.)                                                                                           |
| <b>Minimum dimensions (W x D x H)</b>    | 1.24 x 7.71 x 7.71 in<br>(Vertical orientation.)                                                                                          |
| <b>Weight</b>                            | 1 kg<br>(Weight will vary depending on configuration.)                                                                                    |
| <b>Weight</b>                            | 2.2 lb<br>(Weight will vary depending on configuration.)                                                                                  |
| <b>Keyboard</b>                          | HP USB Slim Business Keyboard                                                                                                             |
| <b>Pointing device</b>                   | HP USB optical mouse                                                                                                                      |
| <b>Ports</b>                             | 1 headphone/microphone combo; 1 USB 3.1 Gen 1; 1 USB 3.1 Type-C™ Gen 2; 1 USB 3.1 Gen 2                                                   |
| <b>Ports</b>                             | 1 audio-in; 2 USB 2.0; 2 USB 3.1 Gen 1; 3 DisplayPort 1.2                                                                                 |
| <b>Protocols</b>                         | Citrix® HDX; Microsoft RFX/RDP; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme                                                |
| <b>Power</b>                             | 45 W smart external power adapter                                                                                                         |
| <b>Ecolabels</b>                         | EPEAT® registered                                                                                                                         |
| <b>Energy star certified</b>             | ENERGY STAR® certified                                                                                                                    |
| <b>Sustainable impact specifications</b> | Low halogen                                                                                                                               |
| <b>Software included</b>                 | HP Device Manager; HP Easy Shell; HP Easy Tools; HP Smart Zero Client Services; HP ThinUpdate; HP True Graphics; Microsoft SCCM/EDM Agent |
| <b>Browser supported</b>                 | Internet Explorer (for models with Windows 10 IoT Enterprise LTSC 2019); Mozilla Firefox (for models with HP ThinPro)                     |
| <b>UPC number</b>                        | 197192204429                                                                                                                              |

Top Recommended Displays, Accessories and Services

Power Adapters

|                                 |         |
|---------------------------------|---------|
| HP Thin Client 45W Power Supply | Y3U71AA |
|---------------------------------|---------|

Security Cables

|                           |         |
|---------------------------|---------|
| HP Keyed Cable Lock 10 mm | T1A62AA |
|---------------------------|---------|

Mounting Brackets

|                                 |         |
|---------------------------------|---------|
| HP Quick Release Bracket 2      | 6KD15AA |
| HP Thin Client Mounting Bracket | 2FT00AA |

## Messaging Footnotes

[1] 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. AMD's numbering is not a measurement of clock speed.

[2] Mounting hardware sold separately.

## Technical Specifications Footnotes

No Technical Specifications Footnotes

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