



# HP t740 Thin Client Bundle (9D1H8UT)



## Overview

### The thin client built to drive graphic-heavy workflows

Deliver secure, powerhouse performance to your graphics-intensive virtual, cloud, and local computing environments with the HP t740 Thin Client, our most powerful desktop thin client that supports up to six 4K displays.[1]

### Our ultimate power and performance

Blaze through demanding workloads with the ultra-powerful AMD Ryzen™ Embedded V1756B processor[2] and fast system memory. Render content seamlessly with support for up to six UHD/4K displays.[1]

### Built to spec, built for you

Get a thin client optimized for your unique business needs with a configurable PCIe slot that supports advanced graphics, multiple displays, alternative networking, and optional ports.

### Robust 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.

### Value-added software

Remotely setup and deploy your devices, boost Wi-Fi® network performance, and get local-quality multimedia with included software that makes our thin clients capable, responsive, and reliable.

## Features

### 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.

### Additional layers of defense

Secure your content and data even more with an optional smartcard-integrated keyboard and Fiber Optic NIC connection.<sup>[3]</sup>

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*[1] DisplayPort™ cables and displays sold separately. The HP t740 Thin Client must be configured with optional AMD Radeon™ E9173 PCI Express graphics card to support more than four displays.*

*[2] 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.*

*[3] Keyboard and network adapter sold separately or as configurable options at the time of purchase.*

## Specifications

<b>Operating system</b>	Windows 10 IoT Enterprise for Thin Clients
<b>Processor</b>	AMD Ryzen™ V1756B (3.25 GHz base clock, up to 3.6 GHz max boost clock, 4 MB L3 cache, 4 cores)
<b>Memory</b>	8 GB DDR4-2400 MHz RAM (2 x 4 GB)
<b>Memory Slots</b>	2 SODIMM
<b>Internal Storage</b>	256 GB M.2 Flash memory
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	AMD Radeon™ Vega 8 Graphics
<b>Audio</b>	Internal amplified speaker system for basic audio playback
<b>Minimum dimensions (W x D x H)</b>	5 x 21 x 21 cm (Vertical orientation.)
<b>Minimum dimensions (W x D x H)</b>	5 x 8.26 x 8.26 in (Vertical orientation.)
<b>Weight</b>	1.33 kg (Weight will vary depending on configuration.)
<b>Weight</b>	2.93 lb (Weight will vary depending on configuration.)
<b>Keyboard</b>	HP USB Slim Business Keyboard
<b>Pointing device</b>	HP USB wired mouse
<b>Ports</b>	1 headphone/microphone combo; 1 USB 3.1 Gen 1; 1 USB 3.1 Type-C™; 1 USB 3.1 Type-C™ Gen 2
<b>Expansion slots</b>	1 half-height PCIe x16 (x8)
<b>Ports</b>	2 USB 2.0; 2 USB 3.1 Gen 1; 4 DisplayPort™ 1.2
<b>Protocols</b>	Citrix® HDX; Microsoft RFX/RDP; VMware Horizon® View™ through RDP/PCoIP, and Blast Extreme
<b>Power</b>	90 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>	197961349320

## Additional specifications

Accessories	HP Quick Release Kit EM870AA; HP B300 PC Mounting Bracket 2DW53AA; HP B500 PC Mounting Bracket 2DW52AA; HP USB Business Slim Keyboard N3R87AA; HP Wireless Business Slim Keyboard and Mouse N3R88AA
ECC memory	non-ECC
I/O Port location	Back
I/O Port location	Front
Keyboard interface	USB
Memory layout (slots & size)	2 x 4 GB
Memory module type	SODIMM
Memory size	8
Memory size uom	GB
Memory speed	2400
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	2
Processor Brand	AMD
Processor cache	4 MB L3
Processor core	4
Processor maximum frequency	3.6
Processor maximum frequency uom	GHz
Processor threads	8
Product long name specifications	HP t740 Thin Client Bundle, Windows 10 IoT Enterprise for Thin Clients, AMD 8GB RAM, 256GB eMMC
Product short name specifications	HP t740 Thin Client Bundle, AMD 8GB RAM, 256GB eMMC
Standard memory note	Transfer rates up to 2400 MT/s.
Storage capacity	256
Storage capacity uom 01	GB
Storage type	eMMC
Storage type 01	eMMC
UNSPSC code	43211506

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## Accessories for PC

### Security

★ : Recommended

#### Security Cables

HP Keyed Cable Lock 10 mm

T1A62AA ★

### Stands/Mounting Brackets

#### Mounting Brackets

HP Quick Release Bracket 2

6KD15AA ★

Dual VESA Mount Bracket for HP Thin Client

9UB87AA

HP B300 PC Mounting Bracket

2DW53AA

HP B300 PC Mounting Bracket

2DW53AT

obsolete

HP Quick Release Bracket 2

6KD15AT

obsolete

Thin Client Recessed VESA Spacer Bulk Kit

1R2G8A6

#### Stands

HP Integrated Work Center for Desktop Mini and Thin Client

G1V61AA

HP Integrated Work Center for Desktop Mini and Thin Client

G1V61AT

### Mice/Pens/Other Pointing Devices

#### Wired Mice

HP 128 Laser Wired Mouse

265D9AA

HP Wired Desktop 320M Mouse

9VA80AA

HP Wired Desktop 320M Mouse

9VA80UT

obsolete

#### Wireless Mice

HP 635 Multi-Device Wireless Mouse

1D0K2AA

HP 635 Multi-Device Wireless Mouse

1D0K2ET

HP 935 Creator Wireless Mouse

1D0K8AA

HP 935 Creator Wireless Mouse

1D0K8ET

HP 935 Creator Wireless Mouse

1D0K8UA

### Components/Upgrades

#### Memory

HP 16GB DDR4-3200 SODIMM	13L75AA
HP 16GB DDR4-3200 SODIMM	13L75AT
HP 8GB DDR4-3200 SODIMM	13L77AA

### Internal ports/Modules/Controllers

HP PCIe x1 Parallel Port Card	N1M40AA
HP USB to Serial Port Adapter	J7B60AA

## Keyboards/Other Input Devices

### Wireless Combo

HP 235 Wireless Mouse and Keyboard Combo	1Y4D0AA	
HP 235 Wireless Mouse and Keyboard Combo	1Y4D0UT	
HP 655 Wireless Keyboard and Mouse Combo	4R009AA	
HP 655 Wireless Keyboard and Mouse Combo	4R009UT	
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA	obsolete

### Wired Keyboards

HP Wired Desktop 320K Keyboard	9SR37AA
HP Wired Desktop 320K Keyboard	9SR37UT

### Wired Combo

HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
HP Wired Desktop 320MK Mouse and Keyboard	9SR36UT

## Video Devices

### Video Devices

HP 435 FHD Webcam	77B10AA
HP 625 FHD Webcam	6Y7L1AA
HP 625 FHD Webcam	6Y7L1ET

## Port Replicators/Dongles/Docking

### Cables/Cable Adapters/Dongles

HP DisplayPort Cable Kit	VN567AA
HP DisplayPort To VGA Adapter	AS615AA
HP DisplayPort To VGA Adapter	F7W97AA

HP DisplayPort to DVI-D Adapter

FH973AA

HP DisplayPort to HDMI True 4K Adapter

2JA63AA

# Monitors

## Business Monitors

★ : Recommended

### E-Series

HP E24 G4 FHD Monitor	9VF99AA
HP E24i G4 WUXGA Monitor	9VJ40AA
HP E24mv G4 FHD Conferencing Monitor	169L0AA
HP E24u G4 FHD USB-C Monitor	189T0AA
HP E27q G4 QHD Monitor	9VG82AA
HP E27u G4 QHD USB-C Monitor	189T3AA

### P-Series

HP P24h G4 FHD Monitor	7VH44AA
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### Z Displays

HP Z24f G3 FHD Display	3G828AA	
HP Z24n G3 WUXGA Display	1C4Z5AA	
HP Z24u G3 WUXGA USB-C Display	1C4Z6AA	
HP Z27k G3 4K USB-C Display	1B9T0AA	
HP Z27q G3 QHD Display	1C4Z7AA	
HP Z27u G3 QHD Display	1B9X2AA	
HP Z38c 37.5-inch Curved Display	Z4W65A4	obsolete
HP Z38c 37.5-inch Curved Display	Z4W65A8	
HP Z38c 37.5-inch Curved Display	Z4W65AT	obsolete



Point of Sales System Options

★ : Recommended

POS Display Accessories

HP L7010t 10.1-inch Retail Touch Monitor	T6N30A8
HP L7010t 10.1-inch Retail Touch Monitor	T6N30AA
HP L7014 14-inch Retail Monitor	T6N31A8
HP L7014 14-inch Retail Monitor	T6N31AA
HP L7014t 14-inch Retail Touch Monitor	T6N32A8
HP L7016t 15.6-inch Retail Touch Monitor	V1X13A8
HP L7016t 15.6-inch Retail Touch Monitor	V1X13AA

Audio

★ : Recommended

Wired Headset

Poly Blackwire C5220 USB-A Headset	7S4L8AA
Poly EncorePro 310 Monaural USB-A Headset TAA	767G1AA
Poly EncorePro 320 Stereo USB-A Headset TAA	767G0AA
Poly EncorePro 525 Microsoft Teams Certified Stereo with USB-A Headset	783R2AA
Poly EncorePro 525 USB-A Stereo Headset	783R3AA

Cloud Client Solutions

★ : Recommended

Cloud Client Solutions

Thin Client Solution for Financial Services	TC-FINANCIAL
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