

HP ThinPro OS

A modern, secure, and intuitive Linux® computing experience

HP ThinPro OS helps both Thin Client IT and end users with a secure and seamless cloud computing experience by delivering intuitive features, multiple layers of security, flexible software solutions, and hardware and software stability.



Device Security for Consistent Productivity

Help protect your fleet from security threats. HP ThinPro OS provides layers of security with a complete signing solution and a read-only, locked, and encrypted file system with support for hardware-based BIOS protection.³

Steadfast Stability

Supporting your cloud computing needs, HP provides predictable updates to HP ThinPro OS¹ over its three-year lifecycle² creating stability and ensuring access to the latest features.

Configurable, Flexible Deployment

Choose from a mix of enhanced cloud computing solutions and communications platforms to meet workload requirements. HP ThinPro OS helps optimize user experience with support for multiple software solutions and built-in multi-media codecs.

Benefits of HP ThinPro OS

- Support your cloud computing needs with predictable updates to your HP ThinPro OS.^{1,2}
- Help protect your fleet from security threats with HP ThinPro OS—featuring multiple layers of security.
- Choose from a variety of cloud computing and software solutions for an optimized user experience.
- Easily deploy, update, and manage your HP ThinPro OS-driven devices with this simple, scalable management tool.⁴



HP ThinPro OS

Features	HP ThinPro 7.2	HP ThinPro 8.0	Descriptions
HP Device Manager (HPDM) 5.x Support	✓	✓	HP Device Manager (HPDM) and HP Cloud Endpoint Manager (HPCEM) offer an array of robust features and an intuitive user interface to make managing thin clients simple and providing a powerful console built for scale.
HP Cloud Endpoint Manager (HPCEM) Support ⁴	✓	✓	
Citrix Workspace & Apps ⁵	✓	✓	Citrix builds the highly secure, unified digital workspace technology that helps organizations unlock human potential and deliver a consistent workspace experience wherever work needs to get done.
VMware Horizon View ⁵	✓	✓	VMware offers a breadth of digital solutions that powers apps, services, and experiences that enable organizations to deliver superb customer service and empower employees.
HP Anyware (HP Zcentral Remote Boost & Teradici CAS) Add-on ⁵	✓	✓	The PCoIP [®] protocol streams highly interactive desktop displays between virtual host and end-user device without any data ever leaving the safety of the customers' network.
Amazon WorkSpaces (AWS) Add-on ⁵	✓	✓	Amazon WorkSpaces is a fully managed desktop virtualization service for Windows and Linux that enables you to access resources from any supported device.
Windows 365 & Azure Virtual Desktop (AVD) Add-on ⁵	✓	✓	Enjoy the best of both worlds with a familiar Windows interface on HP secure and simple HP ThinPro OS.
Unified Communications Support ⁵	✓	✓	For customers who value virtual collaboration and communication, HP ThinPro OS supports Microsoft Teams, Zoom, Cisco WebEx, and Avaya optimization for Citrix and VMWare to provide a seamless experience to end-users without overloading the internet bandwidth.
PC Converter Solution ⁶	✓	✓	The HP ThinPro PC Converter solution transforms existing devices into highly secure, Linux [®] -based HP Thin Clients to make the most of existing PCs with enhanced security and robust managing system.



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Virtual Network Computing (Remote Utility)	✓	✓	For customers who value manageability, this feature provides shadow capability that allows customers to remotely control desktops by using HPDM, HPCEM, and VNC clients.
ThinUpdate/ EasyUpdate	✓	✓	These software depots allow customers to easily reimage or update the OS and its software by providing OS images, service packs, add-ons' installation, and updates.
Kiosk Mode Support	✓	✓	HP ThinPro OS allows IT to fully customize and control the functionalities of a local thin client to deliver a seamless kiosk experience to the end-user.
Single Sign-On	✓	✓	This feature is an authentication scheme that provides customers with ease of use and a layer of security by logging in without entering ID and password multiple times.
Popular codec support (Windows Media Bundle, MPEG2, MPEG4, MP3, AAC, AC3, HE AAC, Libgstfluvadec, GStreamer 1.x, H.264, H.265, FFMPEG Enabler)	✓	✓	For customers who value versatility, popular codec support allows customers to read the most commonly used formats of recording, encoding, and decoding video content used by popular clients such as Citrix and VMWare.
Simple Certificate Enrollment Protocol (SCEP) Manager	✓	✓	For customers who value manageability, this feature provides the ability to update certificates that allow customers to auto-enroll or renew certificates from a certificate authority with ease by using the SCEP Manager.
SecureBoot	✓	✓	For customers who value security, this feature provides a secured boot experience that allows customers to benefit from additional layers of security by signed bootloader, kernels, and modules.



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Display Scaling	✓	✓	For customers who need support for the scalable resolution, this feature allows customers to adapt to different display sizes by the Look-and-Feel option.
Common Configuration	✓	✓	For customers who value convenience, this feature provides a common configuration experience that allows customers to apply a policy with ease by HP Device Manager and the ability to configure the same settings using the same interface regardless of OS.
Device Profile	✓	✓	For customers who value convenience, this feature provides a custom configuration that allows customers to easily set a profile by using the profile editor.
HP ThinPro OS Signing Solution: Kernel and module	✓	✓	Select HP ThinPro OS signing solution ensures every package obtained from HP is authentic.
HP ThinPro OS Signing Solution: Service Pack and Add-ons		✓	HP ThinPro OS signing solution ensures every package obtained from HP is authentic.
Encrypted File System		✓	Encrypted file system ensures the security of the OS and its file system by help prevent malicious attacks from reading/modifying file from the disk in the event of lost, stolen, or improperly disposed.
Select HP dock support and firmware updates ⁸		✓	Support provided by HP Support for the HP USB-C Dock G5, HP Thunderbolt 120W G4 Dock, and HP Thunderbolt 280W G4 Dock and the docks' firmware can be updated through HP ThinPro OS.
Select HP displays and conferencing displays compatible ⁸		✓	Compatible with HP E24u G4 FHD USB-C Monitor, HP E27u G4 FHD USB-C Monitor, HP E24m G4 FHD USB-C Conferencing Monitor, and HP E24m G4 FHD USB-C Conferencing Monitor. Monitor firmware updates require Windows.
HP Linux® Imaging and Printing (HPLIP) ^{7,8}		✓	For customers who value versatility, enabling HPLIP on HP ThinPro OS allows incremental supports on numbers of HP printers for our Thin Client customers.



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Specifications

Active OS Versions	HP ThinPro 7.2 OS; HP ThinPro 8.0 OS
Device Management Compatibility	HP Cloud Endpoint Manager ⁴ , HP Device Manager
Out-of-the-box supported browser	Mozilla Firefox
Minimum hardware requirements Processor Memory (RAM) Storage	Any 64bit x86 CPU 4GB minimum system memory 8GB minimum physical storage
Supported HW Platforms HP ThinPro 7.2 OS	t240, t420, t430, t530, t540, t628, t630, t638, t640, t730, t740, mt21, mt22, mt32, mt45, mt46
Supported HW Platforms HP ThinPro 8.0 OS	t430 (4Gb), t530, t540, t630, t640, t655, t638, t730, t740, mt21, mt22, mt440 G3, mt32, mt45, mt46, mt645 G7
3rd party software	HP Anyware-HP Zcentral Remote Boost and Teradici CAS; Citrix Workspace & Apps; VMware Horizon View; Azure Virtual Desktop; Amazon WorkSpaces, Imprivata, FreeRDP, TurboSoft ⁵
Supported Languages	English, German, Spanish, French, Japanese, Korean, Russian, Chinese (Simplified), Chinese (Traditional)
Software License	1:1: ∞ (1 License on 1 Device Forever)

For more information, visit <https://www.hp.com/us-en/solutions/cloud-computing/thin-client-operating-systems.html>

Disclaimers

1. Please see datasheet for minimum system requirements.
2. HP will provide support and available updates through April 2025.
3. Hardware-based BIOS protection provided by Secure Boot and HP Sure Start Gen7.
4. Select HP ThinPro 8.0-driven devices are pre-loaded with HP Cloud Endpoint Manager (CEM) and may include Tech Preview until launch. CEM supports endpoints running Windows 10 IoT 2016 or later or ThinPro 7.2 SP8 or later. CEM term is either a 12-month period beginning after device enrollment after launch; or longer if device enrollment occurs pre-launch. A new license will be required to continue accessing all features after the 12-month term. 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?hdocname=c08045808>.
5. Third party licenses required and sold separately.
6. HP licenses required and sold separately.
7. HP Linux Imaging and Printing compatibility: https://developers.hp.com/hp-linux-imaging-and-printing/supported_devices/index. HP ThinPro OS only supports printers using HPLIP version number 3.21.8 and below. More support will be added over time.
8. Displays and peripherals sold separately.

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