

Data sheet

HP ThinPro 6 Operating System



More flexibility, more freedom.



Experience true efficiency and focus on your business instead of your IT with the easy customization, enhanced security, and simplified maintenance of the flexible, 64-bit Linux[®]-based HP ThinPro 6 OS, which delivers up to 30% improved performance¹ over the predecessor 32-bit version.

Stepped-up security

Rest easy with a Linux[®]-based OS that attracts few virus threats and has a locked file system to help against unauthorized updates, while the HP ThinPro Certificate Manager keeps all your relevant certificates in a single local certificate store.

Easy upkeep

Focus on what matters with a low-maintenance OS that doesn't require constant patches, updates, and add-ons. Say goodbye to manual BIOS updates with a BIOS that automatically updates itself from files placed in an HP ThinPro directory.

Create a custom experience

Enjoy the flexibility to choose between a locked-down, simple HP Smart Zero OS, or the more robust HP ThinPro desktop-style interface.

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Log-in and get to work with HP Smart Zero

Boot directly into the user log-in on the server or pre-configured portal with no device training or user interface required. Easily switch between common protocols (Citrix®, VMWare®, Microsoft or a web browser) with no OS re-installation.

Maximum flexibility

With HP ThinPro, it's easy to customize user settings, properties, and permissions, rich graphic and terminal emulation connections, and more, as well as print locally and enable concurrent virtualization sessions.

Optimize your Zero client experience

HP Smart Zero supports four different Zero client experiences: Citrix® ICA®, Microsoft RDP, VMWare® Horizon™, and a Firefox web browser.

Truly astounding cloud-based multimedia

Experience breakthrough video playback, smooth graphics rendering, and impressive high-speed performance with less lag time when you access rich graphical applications and multimedia content from the cloud with HP True Graphics.²

Update safely

Configure multiple user experiences with individual snapshots so you can always roll back to a “last known good” setting when executing updates.

Manage your fleet your way

Choose between HP Device Manager and HP Smart Client Services for automatic updates, or use a USB Key for image and add-on updates.

¹ Based on 64-bit vs. 32-bit and tested using x11perf comparing HP ThinPro 6.1 on an HP t620 Thin Client vs. HP ThinPro 5.2 on a similarly configured HP t620 Thin Client.

² HP True Graphics requires an HP Thin Client with an HP ThinPro 5.0 or higher operating system (combo OS with HP Smart Zero Core begins at v5.0), AMD processing technology, and a Citrix® virtual desktop infrastructure—XenApp® or XenDesktop® v7.0 or higher or WES 7E 32-bit/Windows 10 IoT with a Citrix® 4.4 receiver and Citrix® virtual desktop infrastructure—XenApp® or XenDesktop® v7.0 or higher. HP True Graphics is preinstalled on the OS starting with HP ThinPro 5.2. See product QuickSpecs for exact compatibility.

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