HP t410 Smart Zero Client

Zero management. Zero configuration. Zero compromise.

PC performance, innovative architecture

Create a smart client virtualization environment with strong, PC-like deployment and dependability. Built with a high-performance, Texas Instruments TMS320DM8148 ARM® Cortex™ processor, with 1GB DDR3 SDRAM and 4GB eMMC Flash memory capacity, the HP 410 Smart Zero Client delivers impressive multimedia graphics and a robust thin client solution for your business.

Maintain a full Microsoft Windows experience with compatible server operating systems and the latest in protocol support. Featuring DSP Acceleration for RemoteFX, PCoIP and ARM® Neon extensions for Citrix HDX System on a Chip (SoC), the HP t410 Smart Zero Client enables a more versatile and dynamic PC-like user experience

Connectivity inspired by productivity

Expand screen real-estate with native dual-digital monitor support, or connect to an analog monitor using the included DVI-I to VGA adapter. The HP t410 Smart Zero Client will drive single or dual displays up to 1920x1200[1] for Full HD[2] imagery. You'll find standard ports and configurations on the HP t410 Smart Zero Client, including 4 USB 2.0 ports, a microphone port, headphone port, RJ-45 NIC Ethernet interface and an HP power cord retention slot. Why sacrifice the space? Easily attach the HP t410 Smart Zero Client behind a monitor or on a wall with VESA mounting[3] compatibility.

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An intuitive thin client built for virtualization environments that demand PC-like performance, flexible protocol support and zero management.

HP Smart Zero Technology

HP Smart Zero Technology intelligence is automatically inherited from the pre-configured host server. The Smart Zero Technology includes the Smart Client Services, which enable user to set up the configuration, called profile, one time and have the configuration applied to many Smart Zero clients on the network. Simply connect your HP t410 Smart Zero Client to your network and user monitor, and you're ready. The thin client installation wizard will search for the right Microsoft, Citrix or VMware client infrastructure and establish a secure desktop environment for all devices in minutes. The Smart Zero Technology also automatically updates Smart Zero clients with the latest image, protocol software, or profile to ensure the clients are always up to date.

Reduce IT hassles for a more efficient, client virtualization deployment. Expect no-touch management every time you boot with intuitive technology that acclimates to its environment, even when your software changes. HP Smart Zero Clients will also change with you. Simply repurpose your HP t410 for another protocol – saving you time, and money.

HP Velocity for your network

Prevent poor network connectivity in densely populated work environments with integrated HP Velocity, a new HP feature. As network conditions change, HP Velocity reacts to maintain the highest quality multimedia performance and remote protocol user experience.

HP dependable, environmentally aware

The HP t410 Smart Zero Client is backed by HP global service and support through our network of over 50,000 IT professionals, and includes a standard, three-year limited warranty. Select from a range of HP Care Pack[4] Services for additional support. The HP t410 Smart Zero Client is ENERGY STAR® qualified and EPEAT® Gold registered[5].

HP t410 Smart Zero Client

Hardware specifications	
Operating Systems	HP Smart Zero Core
Processor	Texas Instruments TMS320DM8148 ARM® Cortex™–A8 (1 GHz, 256 KB L2 cache, 1 core)
System memory	1 GB DDR3 400 MHz SDRAM
Flash memory	4 GB eMMC
Protocols	Citrix HDX via Citrix ICA 12; Microsoft RemoteFX Via RDP 7.1; PCoIP Optimized via VMware Horizon View
Monitor support	Supports up to 2 displays; 1 VGA, 1 DisplayPort 1.1a with resolutions up to 1920x1200 for single or dual displays. Actual performance and resolutions available will vary depending on client virtualization protocol being used and content being displayed. CRT displays with resolutions greater than 1600x1200 (60Hz) are not compatible with the HP t410 Smart Zero Client.
Audio	Internal piezo-electric stereo speaker, 1/8" mini jack out, 1/8" mini jack microphone in Full 16, 20, 24 or 32-bit stereo, 96kHz sample rate
Communications	10/100/1000 Gigabit Ethernet (RJ-45), Wake on LAN (WOL), TCP/IP with DNS and DHCP, UDP
Ports and connectors	4 USB 2.0 (two in front, two in rear), 1 microphone,1 headphone, 1 RJ-45, 1 power connector
Input devices	Standard keyboard and 2-button optical scroll mouse included (USB)
Power	24 W AC adapter (12V DC), Worldwide auto-sensing 100-240 VAC, 50-60 Hz
Environmental[5]	ENERGY STAR® qualified and EPEAT® Gold registered[5] where applicable/supported. See epeat.net for registration status by country.
Dimensions (WxDxH)	7.28 x 5.83 x 1.28 in (14.8 x 18.5 x 3.2 cm)
Weight	1.4 lbs (.638 kg)
Warranty[4]	HP Total Care Warranty and Services: limited three-year hardware warranty in most regions. Optional HP Care Pack Services[4] extends service contracts beyond your standard warranties. For more details visit hp.com/go/lookuptool.

HP t410 Smart Zero Client

Software specifications	HP Smart Zero Technology
Client Protocol Support	
Citrix ICA HDX MediaStream	•
VMware Horizon View 5.0 PCoIP RDP	•
Microsoft RDP/RFX	FreeRDP 1.0
VDI brokers	•
HP Remote Graphics Software	
Applications	
HP TeemTalk Terminal Emulation	
Local browser	Firefox 15.0 add-on available
Media player	
PDF Reader	
ThinPrint .print client (TCP/IP)	
Terminal emulation	CUPS
X Windows (X11R6)	
Java VirtualMa chine	
API compatibility	
Security	
File protection	Firmware downloaded at boot
Locked configuration/accounts	Configuration downloaded at boot
Firewall	
Smart Card support	Smart zero recognizes and connects to smart card readers but end-users would need to assess their specific implementation of hw and sw
Management	
HP Device Manager	•
HP Easy Tools	
HP Smart Client Serivces	•

HP Smart Zero Technology specifications

Security	
File protection	Firmware downloaded at boot
Locked configuration/accounts	Configuration downloaded at boot
Firewall	
Smart Card support	•

Management	
HP Device Manager	Smart zero recognizes and connects to smart card readers but end-users would need to assess their specific implementation of hw and sw

1. Actual performance and resolutions available will vary depending on client virtualization protocol being used and content being displayed. CRT displays with resolutions greater than 1600x1200 (60Hz) are not compatible with the HP t410 Smart Zero Client.

2. HD (high-definition) content required to view HD images.

3. Mounting hardware sold separately.

4. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase.

5. Restrictions and limitations apply. HP Care Pack Services extend service contracts beyond the standard warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at hp.com/go/lookuptool. Additional HP Care Pack Services information by product is available at hp.com/hps/carepack.

6. EPEAT® Gold where HP registers commercial desktop products. See epeat.net for registration status in your country.

For more Information visit
hp.com/go/thincomputing