



## HP NEOWARE E90 THIN CLIENT

Space-saving. Powerful. Upgradeable.



### **Space-saving**

Enjoy a compact and powerful thin client on your desktop with an internal power supply and strategically placed USB 2.0 ports that provide easy access and optimal space savings. Don't be fooled by the small size of this thin client.

### **Powerful**

The HP Neoware e90 is one of the most powerful thin clients available, offering impressive performance that is ideal for running local applications. With DDR2 memory and an internal wireless<sup>1</sup> option, you will be surprised by all the power packed inside.

### **Upgradeable**

The HP Neoware e90 meets your needs today and tomorrow because it is upgradeable for longer life. Easily upgrade flash and/or RAM, and migrate from one operating system to another, even future versions of your current operating system.

### **More ports, more peripherals**

The HP Neoware e90 offers more peripheral support than many other thin clients. Two serial ports, one parallel port, and PS/2 keyboard and

mouse ports provide support for legacy devices and offer greater flexibility without requiring new peripherals. Four high speed USB 2.0 ports provide convenient support for the latest peripherals with easy and neat connectivity. This isn't a stripped down model that limits your choices.

### **No brick, just power**

The compact, space-saving design features an internal power supply. No external power supply means easier installations, fewer accidental power disconnects, less downtime, and a neater workspace.

### **Simple no-touch management**

HP Neoware device management tools are scalable and easy to use. With a simple installation, point and click commands, and no license fees, you are off and running in minutes. Thin client visibility is conveniently centralized with console support for device discovery and asset management at your fingertips. Expand your administrative control with remote configuration, remote shadowing, connection cloning, image cloning, global image updates, scheduled updates, and snap-ins for modular image changes.

# HP NEOWARE E90 THIN CLIENT

## Hardware overview:

<b>Processor</b>	<ul style="list-style-type: none"> <li>VIA Eden 800 MHz</li> </ul>
<b>Flash/RAM</b>	<ul style="list-style-type: none"> <li>Standard: 128MB Flash ROM/256MB DDR2 RAM</li> <li>Maximum: 1GB Flash ROM/512MB DDR2 RAM</li> </ul>
<b>Video</b>	Maximum video resolution and refresh rate: <ul style="list-style-type: none"> <li>Up to 1600x1200 @ 60 Hz or 1280x1024 @ 85 Hz, 32-Bit color depth</li> <li>Up to 1600x1200 @ 85 Hz, 8-bit or 16-bit color depth</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>Ports: microphone in, speaker out – 1/8 inch (3.5 mm) jacks</li> <li>Internal speaker</li> </ul>
<b>Networking</b>	<ul style="list-style-type: none"> <li>Autosensing, 10/100 Ethernet, RJ-45, WakeOnLAN, PXE boot</li> <li>Internal or external (USB) wireless options (a/b/g)</li> </ul>
<b>I/O</b>	<ul style="list-style-type: none"> <li>Serial connectors – two D-Sub 9-Pin</li> <li>Parallel connector – one D-Sub 25-Pin</li> <li>USB 2.0 connectors – four (two front, two back)</li> <li>PS/2 connectors – one keyboard, one mouse</li> </ul>
<b>Peripheral support</b>	<ul style="list-style-type: none"> <li>Local printer support in ICA, RDP, and local applications<sup>2</sup></li> <li>USB drive support (including flash drives)<sup>2</sup></li> <li>USB Smart Card support<sup>2</sup></li> <li>USB biometrics device support<sup>2</sup></li> <li>Touch screen support</li> </ul>
<b>Physical specifications</b>	<ul style="list-style-type: none"> <li>Dimensions: 1.6" W x 9.3" H x 8.7" D (4.2 cm x 23.9 cm x 22.2 cm)</li> <li>Weight (with keyboard): 8.5 lbs (3.9 kgs)</li> </ul>
<b>Environmental</b>	<ul style="list-style-type: none"> <li>Operating temperature: 32-95° F (0-35° C)</li> <li>Operating humidity: 20-80% non-condensing</li> <li>100-240 VAC, 50-60 Hz 25 W typically</li> </ul>
<b>Power requirements</b>	
<b>Certifications</b>	<ul style="list-style-type: none"> <li>FCC, CE, VCCI, TUV GS, C-TICK, cUL, GOST, SABS, S-MARK, CCC, WEEE, RoHS</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>Limited three-year hardware warranty</li> </ul>

<sup>1</sup> Wireless access point and Internet service required and not included.

<sup>2</sup> May require additional device drivers from manufacturer.

## Server operating system compatibility:

- Citrix Presentation Server 4.0 including the Desktop Broker feature
- Citrix Metaframe Presentation Server 3.0
- Citrix Metaframe XP Presentation Server
- Citrix Metaframe 1.x
- Windows 2000/2003 Server Terminal Services
- Windows 2000 Advance Server Terminal Services
- Windows NT 4.0 Terminal Server Edition
- VMware Virtual Desktop Infrastructure using RDP
- Linux Terminal Server Project (LTSP) \*
- Most mainframes and midrange servers \*\*

\* Requires bios change to PXE boot

\*\* Requires TeemTalk (standard on most HP Neoware thin clients)

## Operating systems available:

- Neolinux
- Genuine Windows® CE
- Genuine Windows® XP Embedded

Local software overview	Windows CE	Linux	Windows XPe
Citrix ICA	•	•	•
RDP	•	•	•
Basic Internet Explorer	•		
Full-function Internet Explorer	From server	From server	•
Netscape Navigator	From server	•	
Firefox		Snap-in (Add on)	
TeemTalk Emulation - 30+ X Windows (X11R6 / XDM)	•	•	•
Acrobat Reader	From server	•	From server
Windows Media Player	•	Snap-in (Add on)	•
Java Virtual Machine	From server	•	•
PPP/DUN	•		
RealPlayer	From server	Snap-in (Add on)	Snap-in (Add on)
Shockwave	From server	From server	From server
ThinPrint	•	Snap-in (Add on)	
Macromedia Flash	From server	From server	•
ELO touchscreen support	•	•	•
.NET Framework			•
<b>Management</b>			
ezRemote Manager and ezUpdate	•	•	•
Device Manager	Snap-in (Add on)	Snap-in (Add on)	
Altiris	Snap-in (Add on)	Snap-in (Add on)	Snap-in (Add on)
<b>Security</b>			
Read-only file system	•	•	•
Locked down user account and configuration	•	•	•
HP Neoware Write Filter, Firewall, Security Center			•
<b>VDI Support</b>			
Leostream		•	•
VDM (Propero)		•	•
Provision Networks		•	•
Citrix DDI support		•	•