



# Eon Preferred 4000. The Smart Linux Appliance That Thinks Outside The Box.



Eon Preferred 4000 lets you run Windows or UNIX applications from a server – plus connect to the Internet, and run any Linux application – without the cost or hassle of a PC. Naturally, it's from Neoware — the industry leader who's won virtually every award in appliance computing.

## THE POWER OF LINUX. IN A SMART APPLIANCE.

Because Eon Preferred 4000 is based on NeoLinux - the first-ever appliance version of Red Hat Linux - it's stable, secure, and reliable. Plus you can customize it just about any way you want. Need to replace PCs or green screen terminals in your network? Eon Preferred 4000 can do it. Need Web browser kiosks? Eon Preferred 4000 can do that, too.

## RED HAT LINUX. WITH UNIQUE NEOWARE ENHANCEMENTS.

Neoware has enhanced Red Hat Linux with unique features that make Eon Preferred 4000 easier to use, more secure, more manageable, and more upgradeable.

We started with Neoware ezCompress, which allows Linux to run in as little as 8 MB of reliable Flash disk memory, without a hard drive or lots of RAM; Neoware's ezConnect user interface allows the Eon to be customized from an intuitive graphical user interface; Neoware ezSecure makes the operating system read-only, securing it from viruses or unauthorized changes; Neoware ezOff allows users to turn off an Eon Preferred 4000 without the typical computer shut down process; Neoware ezManage allows any Eon Preferred Series model to be remotely managed, configured, and updated in groups; Neoware ezSnap lets you add or update software components in the Eon Preferred Series without downloading the entire operating system.

## NEED A LOCAL BROWSER WITH JAVA AND FULL SUPPORT FOR PLUGINS?

The Eon Preferred 4000 Series includes a local Netscape Navigator browser with Java and support for Acrobat and Flash plugins, giving you the power of the Internet in a low-cost, easy-to-manage platform.

## ONE PLATFORM. UNLIMITED FLEXIBILITY.

Eon Preferred 4000 runs on the same hardware platform as other members of Neoware's Eon Preferred Series of computing appliances. That means you can select from the Eon Preferred Series with Linux, Windows CE .NET, Windows NTe, or Windows XPe operating systems, and even migrate from one to another at any time. No other company offers you this freedom of choice and investment protection.

## ENTERPRISE-CLASS REMOTE MANAGEMENT.

Like all members of the Neoware family, Eon Preferred 4000 works seamlessly with Neoware's ezRemote Manager software. This powerful suite of tools gives you complete control of your desktops, dramatically reducing your support costs. ezRemote Manager lets you discover, manage, configure, and upgrade Neoware appliances across your network without leaving your desk. Try that with a standard PC.

## APPLIANCE COMPUTING. SMART. VERY SMART.

Neoware's philosophy is that computing doesn't have to be complicated. Unlike PCs, Neoware's computing appliances are designed from the ground up to do a handful of tasks ... and do them extremely well. You run your applications on servers – not the desktop – resulting in faster application delivery, quicker response times, and happier, more productive people.

## WE KNOW THIS STUFF. INSIDE AND OUT.

Neoware is dedicated to developing one thing and one thing only: state-of-the-art appliance computing solutions. This isn't a sideline business for us ... it's our only business. Unlike other vendors, we develop our own Windows and Linux products. This means you can always count on Neoware whether it is for support or for a special customization.

## eonPREFERRED 4000

# Feature BENEFITS

- Runs Windows applications from a server via Citrix ICA and RDP protocols
- Optional terminal emulations: IBM 3270/5250 Emulator for NeoLinux, or Pericom teamX text and graphics terminal emulation suite
- Local X11R6 Server for graphical UNIX applications
- Local Netscape Navigator with support for plugins
- Industry-standard embedded Red Hat Linux operating system guarantees access to the latest applications
- Read-only Linux file system for enhanced security
- Includes floppy, CD, and Zip drive support via USB
- Windowed connections to display multiple ICA, RDP, and terminal sessions on the same screen
- Shared hardware platform with other Eon models lets you migrate to Windows CE .NET, NTe, or XPe at any time
- Zero footprint packaging can be mounted under a monitor, on a wall, or under a desk
- No external brick power supply to take up space
- Silent, solid-state operation with no fan and no moving parts
- Two serial, one parallel, and two USB ports for connection to virtually any peripheral
- One ISA/PCI slot for future upgrades, including wireless Ethernet, Token Ring, and high resolution video
- Includes stereo sound and internal speaker
- Up to 1280x1024 resolution High color with ICA 6
- Managed by ezRemote Manager - one management tool for all Neoware appliances - with device discovery, asset management, remote upgrades, remote configuration, snap-in modular upgrades, ezAnywhere shadowing, and system cloning



## eonPREFERRED 4000

### Eon Preferred 4000

#### Eon Preferred 4000 Software Version

- NeoLinux Operating System
- Embedded Red Hat Linux operating system
- Full Linux binary compatibility
- Neoware ezConnect Connection Manager interface
- Neoware ezCompress streamlined version of Linux
- Friendly graphical startup
- Friendly graphical setup for network configuration

#### Eon Preferred 4000 Software Features

- Citrix ICA v. 6 and RDP protocols for Windows 2000 Server and Windows NT 4.0, Terminal Server Edition application servers
- Netscape Navigator 4.7 browser with support for Java
- X Window System for graphical Linux and UNIX applications
- Basic VT terminal emulation
- ezConnect Connection Manager
  - Configure either full-screen or windowed server connections
  - Automatically start and reconnect to any connection (configurable)
  - Kiosk mode for locked-down browser environments
  - Easy to customize
  - Easy to remotely manage
  - Full security – fully configurable
  - Extensible for customer-added connection types
- Plug-and-forget installation
- Floppy, CD, and Zip drive support via USB
- Full remote scripting and software snap-in capabilities
- ISA/PCI slot for add-in hardware

#### Network Services

- Token Ring networking (IEEE 802.5)
- Ethernet drivers (IEEE 802.3)
- Compressed SLIP (RFC 1144)
- Domain Name Service (DNS) (RFC 883 and RFC 1035)
- IP (RFC 791 and MIL-STD 1777)
- TCP (RFC 793 and MIL-STD 1778)
- UDP (RFC 768)
- ICMP (RFC 792) (RFC 1065, 1066, 1067)
- RTP (RFC 1889)
- Ping
- REXEC, TELNET

#### Remote Configuration Services

- DHCP - Dynamic Host Configuration Protocol (RFC 1541)
- BOOTP (with remote configuration) (RFC 951, 1015, 1048, 1084)
- ARP (RFC 826), RARP (RFC 903)
- SNMP for device discovery
- ezRemote Manager for complete remote management

#### File Transfer Protocols

- Network File System (NFS)
- FTP (RFC 959)

### Eon Preferred 4000 Hardware Specifications

#### System

- CPU National Semiconductor Geode™ GX1 - 300MHz
- Memory 64 MB RAM (Expandable to 256 MB) with one available empty expansion slot

#### Video

- Resolutions Supported 640x480, 800x600, 1024x768, 1152x864, 1280x1024
- Color Depth 8-bit & 6-bit color to 1280x1024

#### Storage

- Flash Disk Industry-standard, wear-leveled Flash disk file system storage (not monolithic image) in 32 & 48 MB configurations

#### Network

- LAN Realtek 8139A
- LAN Speed 10 / 100Mbps/s

#### Audio

- Input/Output Stereo Line-in(CD-in), Line-out, Microphone, Internal Speaker

#### I/O

- LAN One RJ45 connector: Auto-sense 10BaseT/100BaseT twisted-pair Ethernet

#### Ports

- CRT One D-sub 15-pin female
- Audio Stereo Line-in, Line-out, Microphone
- Keyboard One PS/2 type connector
- Mouse One PS/2 type connector
- Serial Two D-sub 9-pin male
- Parallel One D-sub 25-pin female
- USB Two Type A
- Expansion Slots One ISA/PCI shared

#### Zero Footprint Installation

- Eon's rugged metal case is designed to stand vertically, to be placed horizontally under monitors, or to be mounted under a desk
- The internal power supply means no external power brick

#### Silent, Solid-State Operation

- No disk, fan, or other moving parts, for silent operation

#### Eon Preferred 4000 Series Emulator Options

- IBM 3270/5250 Emulator for NeoLinux: IBM developed 3270/5250 text terminal emulation reengineered for NeoLinux
- Pericom teemX text and graphic terminal emulation suite: ADDS A2; AIX Term, ANSI BBS; AT&T 4410; AT 386, Bull BQ 3107, and 7107; Data General 410; Digital VT52, 100, 101, 102, 125, 131, 132, 220, 320, 420, M2200; Digital VT340 (ReGIS graphics); Hazeltine 1500; HP 2392A, 2622A, and 700/92 for HP 3000 and 9000; IBM TN3270E, TN3287 (LU Printing) for IBM mainframes; IBM TN5250E, TN3812-1 (Printing) for IBM midrange AS400; IBM 3151 Model 11 and 31; ICL Doc 18; MDIS P8, P9, and PT2; Prime PT250; Prism ICL7561; SCO Console; Siemens 97801; Stratus V102; Tandem 6526 and 6530; Televideo 910+, 920, 925, 950, 955; Viewdata 40, 80, and Split; Wyse 50, 50+, and 60

#### Available Snap-In Software Modules

- include: IBM and SUN Java Virtual Machines, Netscape Navigator 6.2, serial, Adobe Acrobat Reader, GhostScript, PPP/ISDN, rsh, Shockwave, full SNMP, Tarantella, ThinPrint, and Wireless Ethernet support (see <http://www.neoware.com/downloads/> for a current listing)

#### Warranties

- Neoware's three-year Full Advantage Plan (24-months limited hardware warranty, with coverage extended to 36 months with registration within the first 90 days of ownership. Also includes: ezRemote Manager Enterprise Edition, 12 months of software updates, and telephone technical support.)

#### Available Factory-Installed Options

- Neoware 56K Internal Modem - US & Canada Certified
- 32 or 64 MB RAM Upgrade
- High Resolution Video Upgrade - resolutions to 1600 x 1200, and to 24-bit color

#### Eon Preferred Series Specifications

- Dimensions 2.1"W x 11.4"H x 8.8"D (5.3 cm x 29.0 cm x 22.4 cm)
- Weight 5.4 lbs (2.45 kg)
- Voltage 100-240 VAC
- Power Consumption Less than 15 watts typically

#### Environment:

- Temperature 50-104° F (10-40° C)
- Relative Humidity 10-90 %
- Max. Altitude 13,000 ft. (4.0 km)

#### Operating

- Temperature 50-104° F (10-40° C)
- Relative Humidity 10-90 %
- Max. Altitude 13,000 ft. (4.0 km)

#### Storage

- Temperature -4-158° F (-20-70° C)
- Relative Humidity 5-95 %
- Max. Altitude 30,000 ft. (9.1 km)



Copyright 2003 Neoware Systems, Inc. All rights reserved. Eon - The Anything Box, ezRemote Manager, and NeoLinux are trademarks of Neoware Systems, Inc. Other trademarks are the property of their respective owners. Specifications are subject to change without notice.

### Neoware Systems, Inc.

HEADQUARTERS  
400 Feheley Drive • King of Prussia, PA 19406  
Phone: +1 610-277-8300 • Fax: +1 610-275-5739  
Email: [info@neoware.com](mailto:info@neoware.com)

