

# The Most Flexible and Expandable Winterm™ Thin Clients

Winterm  
9450XE

Winterm 9450XE  
Winterm 9455XL

**SIMPLE**   **POWERFUL**   **FLEXIBLE**

FLEXIBLE WINDOWS CUSTOM-APPLICATION TERMINAL (LOCAL APPLICATION SUPPORT AND RICH EMBEDDED BROWSER) WITH LEGACY PORTS, EXPANDABLE STORAGE, AND BEST PERFORMANCE.

**Key Features**

**Key Benefits**

Supports embedding of customer-selected local Windows 32-bit applications

Delivers the flexibility, performance, and power of the Windows operating system

Microsoft Windows XP Embedded

Latest OS environment, vast peripheral and device driver support, ability to embed local applications

Optional hardware upgrades

For customers who need local disk drive, modem, or expanded connectivity PCI cards

Microsoft MediaPlayer, on board AGP video and 3D sound optional

Run multimedia applications at the desktop

Local Windows XP desktop interface, also displays Windows desktops and applications via multiuser Windows NT and Windows 2000 servers

High availability (Key application runs either on the server or locally)

Supports latest RDP and ICA protocols

Flexibility to choose optimal protocol

Connects to any VESA standard monitor

Connect to any standard monitor

**9450XE** - 10/100BaseT Fast Ethernet with WakeOnLan, one serial, one parallel, and two USB ports, PCI slot, integrated 802.11b option  
**9455XL** - 10/100BaseT Fast Ethernet with WakeOnLan, one serial, one parallel, four USB ports, PCI slot, external 802.11b option

Fast LAN/WAN connectivity, robust peripheral support, optional expansion capabilities

Remote management and configuration through Wyse Rapport administrative software

"Visit-free" management, upgrades, and configuration from administrator's console

Built-in Microsoft Internet Explorer 6.0

Direct web access, local JVM, Flash/Shockwave support, optional IE plug-ins

Three-year Buyer's Protection Plan

Assurance of reliability, availability, and performance, from the industry leader

**Secure, Managed,  
Affordable, Reliable,  
Thin Clients**

The Winterm 9450XE and 9455XL are thin clients without compromise. Based on Microsoft's Windows XP Embedded operating system, that provide the most options for customers to create solutions tailored to their specific hardware and software needs.

The secure, manageable, affordable, and reliable Winterm 9450XE and 9455XL can be customized with features such as multiple monitor support for financial service companies, high resolution displays for healthcare, local browser support for call centers, local application support for retail, and enhanced security peripherals for government environments.

And because the Winterm 9000 series is built on Windows XP Embedded, it has enhanced support for wireless connectivity, greater security, and better manageability.

As a member of the flexible class of Winterm desktops, these clients offer a rich built-in Internet browser, multimedia capability, and access to over 9000 peripherals. The 9450XE comes in an attractive upright desktop chassis for typical office applications. The expandable chassis has serial, parallel, and two USB ports, a PCI slot, optional HDD and an optional expansion base with CD-ROM and FDD bays. The Winterm 9455XL offers the same exciting software capabilities as the Winterm 9450XE in a sturdy metal chassis with one serial, one parallel and four USB ports, optional internal CD-ROM and HDD, a PCI slot and an external 802.11b option.

As with all Winterm thin clients, the Winterm 9450XE/9455XL come bundled with Wyse™ Rapport™, the client management tool that leverages the value of your IT infrastructure for maximum ROI.

Wyse® Winterm™ desktops are a better way to deliver Windows® applications to users throughout your enterprise – especially task-oriented and general office workers. Our broad range of thin-client devices provide security, manageability, affordability and reliability. They offer greater ease of deployment, administration, and use than any other desktop option.



**Specifications**

**Windows Custom-Application Terminal**

- Based on Windows XP Embedded operating system
- Integrated Microsoft RDP and Citrix ICA protocols and terminal personalities standard
- Modular design
- 192MB or 256MB FLASH
- 256MB DRAM Standard

**Display Support <sup>2</sup>**

- VESA monitor support
- Video: selectable, up to 1600x1200 @ 16-bit color  
1024 x 768 @ 32-bit color
- Flicker-free, 85 Hz maximum refresh rate (60Hz 1600 x 1200 @ 16-bit)

**Audio <sup>2</sup>**

- Output: 1/8-inch mini, full 16-bit stereo, 48 KHz sample rate
- Input: 1/8-inch 8-bit mini microphone

**Input/Output/Peripheral Support**

- Keyboard: enhanced PS/2 with Windows keys (104 keys) included <sup>3</sup>
- Mouse: PS/2 wheel mouse included
- Local and/or network printers supported
- VGA-type video output (DB-15)
- Two USB ports (Winterm 9455XL: 2 back, 2 front)<sup>4</sup>
- Serial port, up to 115.2KB, BD-9
- Bi-directional Centronics-compatible parallel port, DB-25

**Networking**

- TCP/IP with DNS and DHCP
- 10/100BaseT Fast Ethernet, twisted pair (RJ-45)

**Server OS Compatibility/Support**

- Microsoft Windows 2000
- Microsoft Windows NT Server 4.0, Terminal Server Edition
- Citrix WinFrame®
- Citrix MetaFrame®
- Microsoft Windows Server 2003-ready

**Winterm 9455XL**



**Expandability**

- PCI slot<sup>4</sup>
- Hardware options include

Winterm 9450XE	Winterm 9455XL
Internal 20GB HD	Internal 20GB HD
CD/FDD Expansion	Internal IDE CD
Base	Internal USB FDD <sup>4</sup>
Internal / External	External USB
USB 802.11b	802.11b
PCMCIA Adapter	PCMCIA Adapter
56K Modem	56K Modem
Multi serial port adapters	Multi serial port adapters
Mounting Bracket	Mounting Bracket

- See [www.wyse.co.uk](http://www.wyse.co.uk) for availability information

**Communication Protocols/Terminal Emulations Supported**

- Microsoft Internet Explorer 6.0 resident: HTML, JavaScript, XML, Active X, JVM, Media Player 6.4, Shockwave, Flash, Citrix Nfuse
- RDP 5
- ICA 6, Program Neighborhood
- Pericom TeemNT 1.6 terminal emulation suite

**Management**

- Send messages
- Complete image upgrade
- Wake terminal remotely (Wake on LAN)
- Terminal configuration (IP information, name, etc.)
- Reporting
- Remote management, configuration, and upgrades through Wyse Rapport client management software (included)

**Set-Up and Configuration**

**User interface**

- Local boot
- 42 standard keyboard languages supported

**Configuration**

- PXE (image updating standard)
- Remote screen shadowing

**Physical Characteristics (H x W x D)**

**Winterm 9450XE**

- 10 7/8in x 4 1/8in x 8in
- 27.6cm x 10.5cm x 20.2cm
- Vertical only

**Winterm 9455XL**

- 2.5in x 11in x 11.6in
- 6.4cm x 27.9cm x 29.5cm
- Metal chassis
- Horizontal or vertical (stands included)

**Environmental**

**Temperature range**

- Powered on: 32° to 104°F (10° to 40° C)
- Powered off: -14° to 140°F (-40° to 65° C)

**Fanless design**

**Humidity**

- 20% to 80% noncondensing

**Operating altitude range**

- 0 to 10,000 feet (0 to 3,050 meters)

**Power**

- Worldwide auto-sensing 100-240 VAC, 47-63 Hz

**Regulatory compliance**

**RF interference**

- FCC Class B
- CE mark
- EN55022B
- C-Tick (EN60950) (as of 03/03)
- VCCI (as of 03/03)

**Safety**

- UL 60950
- CSA 60950
- TUV GS
- (as of 03/03)

**Warranty**

- Three-year Buyer's Protection Plan (one-year hardware warranty, with service extended to three years free with registration in the first 90 days)

**Customer Service**

- For Information, or for the nearest Wyse Customer Service Center, visit the Customer Support section of [www.wyse.co.uk](http://www.wyse.co.uk) or send an email to [support@wyse.co.uk](mailto:support@wyse.co.uk).



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**OCEANIA**

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**US**

[www.wyse.com](http://www.wyse.com)

<sup>1</sup>Applications are embedded by Wyse Technology or certified Authorized Winterm Partners. <sup>2</sup>Monitor, speakers and microphone not included. <sup>3</sup>Keyboard not included with international models. <sup>4</sup>For Winterm 9455XL, PCI Slot and 2 Front USB ports not available if internal FDD options is installed.