

# 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, Service Pack 1	Latest OS environment, vast peripheral and device driver support, ability to embed local apps
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
<b>9450XE</b> - 10/100Base-T Fast Ethernet with Wake-on-Lan, 1 serial, 1 parallel, and 2 USB ports, PCI slot, integrated Wi-Fi 802.11b option <b>9455XL</b> - 10/100Base-T Fast Ethernet with Wake-on-Lan, 1 serial, 1 parallel, 4 USB ports, PCI slot, external Wi-Fi 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

The Winterm™ 9450XE and 9455XL are thin clients without compromise. Based on Microsoft® Windows® XP Embedded operating system, that provide the most options for customers to create solutions tailored to their specific hardware and software needs¹.

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 health-care, 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 Winterm 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 Wi-Fi® 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-based 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 (60 Hz 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
- 10/100Base-T Fast Ethernet, twisted pair (RJ-45)

### Server OS Compatibility/Support

- Microsoft® Windows® 2000/2003 server
- Microsoft Windows NT Server 4.0, Terminal Server Edition
- Citrix® WinFrame® and MetaFrame®



### Expandability

- PCI slot<sup>4</sup>
- Factory installed internal options

9450XE	9455XL
256MB RAM upgrade	256MB RAM upgrade
20 GB HD	20 GB HD
CD-ROM sidecar	CD-ROM drive
Floppy drive sidecar	Floppy drive <sup>4</sup>
CD/FDD sidecar	PCI to PCMCIA adapter
Internal Wi-Fi	PCI dual video board
802.11b USB	
PCI to PCMCIA adapter	
PCI dual video board	

- External options include

9450XE	9455XL
External Wi-Fi	External Wi-Fi
802.11b USB	802.11b USB
USB-to-serial port converter cable	USB-to-serial port converter cable
USB-to-parallel port converter cable	USB-to-parallel port converter cable
Mounting bracket	Mounting bracket

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

### Firmware Features

- Microsoft XPE Service Pack 1
- Microsoft Internet Explorer 6.0 resident: HTML, JavaScript, XML, Active X, Sun JVM, Media Player 6.4, Shockwave/Flash Player, Citrix NFuse
- RDP 5.2
- ICA 7.1, Program Neighborhood
- Pericom TeemNT 1.7 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
  - Shipping Weight: 11 lbs (5.0 kg)
- Winterm 9455XL**
  - 2.5in x 11in x 11.6in
  - 6.4cm x 27.9cm x 29.5cm
  - Metal chassis
  - Horizontal or vertical (stands included)
  - Shipping Weight: 12.1 lbs (5.5 kg)

### Environmental

- Temperature range**
  - Operating: 50° to 104°F (10° to 40° C)
  - Storage: -40° to 149°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

- |                        |               |
|------------------------|---------------|
| <u>RF interference</u> | <u>Safety</u> |
| FCC Class B            | UL 60950      |
| CE mark                | CSA 60950     |
| TÜV GS                 | C-Tick        |
| VCCI                   |               |

### Warranty

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

Winterm 9455XL



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<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 option is installed.