# Wyse® Winterm™ 9450XE/9455XL

## The Most Flexible and Expandable Winterm Thin Clients

Winterm 9450XE

Flexible Windows® custom-application terminal (local application support and rich embedded browser) with legacy ports, expandable storage, and best performance.

Winterm 9455XL

Wyse is the vendor the world's largest businesses and institutions trust to implement scalable network-centric computing solutions. Wyse hardware, software, and services ensure customer's desktops are secure, reliable, and agile, preserving capital and increasing productivity.

The Wyse® 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 needs [1].

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

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 capabilites 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. With a rich built-in Internet browser and multimedia capability, these thin clients can access to over 9000 peripherals.

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

| Features | Benefits |
|---|---|
| Microsoft Windows XP Embedded, Service Pack 2 | Latest OS environment, vast peripheral and device driver support, ability to embed local apps |
| Local Windows XP desktop interface, also displays Windows desktops and applications via multiuser Windows NT and Windows 2000, 2003, 2008 servers | High availability (key application runs either on the server or locally) |
| Supports embedding of customer-selected local Windows 32-bit applications | Delivers the flexibility, performance, and power of the Windows operating system |
| Supports latest RDP and ICA* protocols | Flexibility to choose optimal protocol |
| Built-in Microsoft Internet Explorer 6.0 | Direct web access, local JVM, Flash/Shockwave support, optional IE plug-ins |
| 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 |
| Connects to any VESA standard monitor | Connect to any standard monitor |
| 9450XE - 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 9455XL - 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 ™ Device Manager administrative software | "Visit-free" management, upgrades, and configuration from administrator 's console |

## Software

| | | |
|---|---|---|
| **Windows Custom-Application Terminal** | ■ Based on Windows XP Embedded operating system<br>■ Integrated Microsoft RDP and Citrix ICA protocols and terminal personalities standard | ■ 256MB, 512MB or 1GB flash<br>■ 256MB or 512MB DRAM<br>■ Modular design |
| **Firmware Features** | ■ Microsoft XPE Service Pack 2<br>■ Microsoft Internet Explorer 6.0 resident: HTML, JavaScript, XML, Active X, Sun JVM, Media Player 10, Shockwave/Flash Player, Citrix NFuse | ■ RDP 5.2 or RDP 6.0<br>■ ICA 10, Program Neighborhood<br>■ Terminal emulation suite |
| **Server OS Compatibility/Support** | ■ Microsoft Windows 2000/2003/2008 server<br>■ Citrix* WinFrame* and MetaFrame* | |
| **Set-Up and Configuration** | User interface<br>■ Local boot<br>■ 42 standard keyboard languages supported | Configuration<br>■ PXE (image updating standard)<br>■ Remote screen shadowing |
| **Protocol Support** | ■ TCP/IP, DNS, DHCP, PXE, PPP | |
| **Management** | ■ Send messages<br>■ Complete image upgrade<br>■ Wake terminal remotely (Wake-on-LAN)<br>■ Terminal configuration (IP information,    name, etc.) | ■ Reporting<br>■ Remote management, configuration, and upgrades through Wyse Device Manager client management software (included) |

## Hardware

| | | |
|---|---|---|
| **Processor** | ■ Via 550MHz | |
| **Input/Output/Peripheral Support** | ■ Keyboard: enhanced PS/2 with Windows keys (104 keys) included [2]<br>■ Mouse: PS/2 wheel mouse included<br>■ Local and/or network printers supported<br>■ VGA-type video output (DB-15) | ■ Two USB ports (Winterm 9455XL: 2 back, 2 front) [3]<br>■ Serial port, up to 115.2KB, BD-9<br>■ Bi-directional Centronics-compatible parallel port, DB-25 |
| **Networking** | ■ TCP/IP with DNS and DHCP | ■ 10/100Base-T Fast Ethernet, twisted pair (RJ-45) |
| **Display Support [4]** | Display resolution     Color resolution<br>1600x1200 @ 60Hz    16-bit, 64K colors<br>1024x768 @ 85Hz     32-bit, 16.7M colors | |
| **Audio[4]** | ■ Output: 1/8-inch mini, full 16-bit stereo, 48 KHz sample rate | ■ Input: 1/8-inch 8-bit mini microphone |
| **Physical Characteristics (H x W x D)** | Winterm 9450XE<br>■ Height: 10.875 inches (276.225mm)<br>■ Width: 4.125 inches (104.775mm)<br>■ Depth: 8 inches (203.2mm)<br>■ Shipping weight: 11lbs (5.0kg) | Winterm 9455XL<br>■ Height: 2.5 inches (63.5mm)<br>■ Width: 11.6 inches (294.64mm)<br>■ Depth: 11 inches (279.4mm)<br>■ Shipping weight: 12.1lbs (5.5kg) |
| **Accessories and Add-Ons** | ■ See www.wyse.com/products/accessories for availability information | |
| **Environmental** | Temperature range<br>■ Operating: 50 ° to 104 °F (10 ° to 40 ° C)<br>■ Storage: -40 ° to 149 °F (-40 ° to 65 ° C)<br>■ Fanless design | Humidity<br>■ 20% to 80% noncondensing<br>Operating altitude range<br>■ 0 to 10,000 feet (0 to 3,050 meters) |
| **Power** | ■ Worldwide auto-sensing 100-240 VAC, 47-63 Hz | ■ Average power usage: 14 Watts (Set-up: device connected with 1 PS/2 keyboard, 1 PS/2 mouse, and monitor) |
| **Regulatory compliance** | Ergonomics<br>■ German EKI-ITB 2000<br>■ ISO 9241-3/-8 | Safety<br>■ UL 60950<br>■ CSA 60950<br>■ TÜV-GS<br><br>RF interference<br>■ FCC Class B<br>■ CE Mark<br>■ VCCI        ■ C-Tick |
| **Warranty** | ■ Three-year limited warranty | |

## WYSE

Wyse Technology Inc.
3471 North First Street
San Jose, CA 95134-1801

International Sales:
Australia 61 (0) 2 9492 0180
China  86 10 84973054/55
France 33 1 39 44 00 44
Germany 49 (0) 89 4600990
India 91 80 5154 8888
Singapore 65 6728 9973
UK 44 (0) 118 923 2740
United States 408 473 1200

Wyse Sales:
800 GET WYSE
(800 438 9973)

Visit our websites at:
http://www.wyse.com.au
http://www.wyse.cn
http://www.wyse.fr
http://www.wyse.de
http://www.wyse.in

http://www.wyse.co.uk
http://www.wyse.com

Or send email to:
sales@wyse.com

Wyse Customer
Service Center:
800 800 WYSE
(800 800 9973)