WYSE

Wyse® Winterm™ 9650XE

Flexible and Expandable Flat-panel Thin Client. High Performance and High Style!

The Wyse® Winterm™ 9650XE is a flexible Windows custom-application terminal (local application support and rich embedded browser) integrated into a flat-panel LCD, with legacy ports, expandable storage, and best performance.

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.

Wyse® Winterm™ thin clients 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 provides security, manageability, affordability, and reliability. They offer greater ease of use, deployment, and administration than any other desktop option.

The secure, manageable, affordable, and reliable flat-panel Winterm 9650XE offers both high performance and style. Based on Microsoft® Windows XP Embedded operating system, it provides the most options for customers to create solutions tailored to their specific hardware and software needs.

It is ideal for healthcare, call centers, retail, hospitality, or any enterprise looking for the expandability needed to gain the power and peripheral support of Windows XP Embedded. With the sleek, space-saving design of a high-quality, ergonomically designed LCD monitor with integrated multimedia speakers and its bright 15" LCD, high-style black and silver case, it is the most flexible, expandable and attractive, flat-panel Winterm thin client ever.

Because the Winterm 9650XE is built on Windows XP Embedded, it supports local applications, enhanced support for wireless networking, greater security, and better manageability. The Winterm 9650XE offers a rich built-in Internet browser, multimedia, and access to over 9000 peripherals. The expandable chassis has serial, parallel, and two USB ports; a PCI slot; internal IDE CD-ROM or DVD options; and an internal Wi-Fi® 802.11b option.

As with all Winterm thin clients, the Winterm 9650XE comes bundled with Wyse™ Rapport®, the client management tool that leverages the value of your thin-client deployment for maximum ROI.

Features	Benefits
Windows XP Embedded, Service Pack 1	Latest OS, access to broad peripheral and device support, ability to embed local applications
Local Windows XP desktop interface, also displays XP desktops and applications via multi-user Windows NT and Windows 2000 servers	Failure-proof solution (key applications run 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 select preferred terminal services protocol
Built-in Microsoft Internet Explorer 6.0 (with Media Player and Flash Player)	Direct web access, Flash/Shockwave support, optional IE plug-ins
Built-in 15-inch LCD with 1024x768 SVGA and 32-bit resolution	High-quality, high contrast ratio, brilliant image with large screen display
Legacy ports and PCI slot expansion: (1 serial, 1 parallel, 2 USB, 2 PS/2, 1 PCI)	Easily supports a variety of desktop peripherals and PCI expansion cards
CD-ROM or DVD-ROM	Option for large local data access and media playback
Internal options supported include 256MB RAM (512MB RAM total) and Wi-Fi 802.11b	Improved performance and simple, integrated wireless networking
Convection cooled; no moving parts	Silent operation; no breakdown due to failed moving parts
Integrated 10/100Base-T Ethernet with Wake-on-LAN	Simple, fast LAN connectivity, enabled for remote management via the network
Remote management and configuration through Wyse™ Rapport® software	"Visit-free" management, upgrades, and configuration from administrator's console
Three-year hassle-free limited warranty	Assurance of reliability, availability, and performance, from the industry leader

Windows Custom-Application Terminal	■ Based on Windows XP Embedded operating system ■ Integrated Microsoft RDP and Citrix ICA protocols and terminal emulation	■ Integrated LCD flat-panel design ■ 256MB flash/256MB DRAM

Software

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 8, Program Neighborhood ■ Pericom TeemNT 1.7 terminal emulation suite
Server OS Compatibility/Support	■ Microsoft Windows 2000/2003 server ■ Microsoft Windows NT Server 4.0,	Terminal Server Edition ■ Citrix® WinFrame® and MetaFrame®
Set-Up and Configuration	**User interface** ■ Local boot from flash ■ Keyboard language support: French, German, Italian, U.K. English, U.S. English standard, others available ■ Windows XP user interface language: U.S. English	**Configuration** ■ PXE (image updating standard) ■ Remote screen shadowing of entire desktop (VNC)
Protocol Support	■ TCP/IP, DNS, DHCP, PXE	
Management	■ Remote management, configuration, and upgrades through Wyse Rapport client management software (Workgroup edition included) ■ Send messages ■ Complete image upgrade	■ Wake terminal remotely (10/100Base-T Ethernet with Wake-on-LAN) ■ Terminal configuration (IP information, name, etc.) ■ Reporting

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Hardware

Processor	■ Via 500 MHz	
Input/Output/Peripheral Support[1]	■ Keyboard: enhanced PS/2 with Windows keys (104 keys)[1] ■ Mouse: PS/2 wheel mouse included ■ Local and/or network printers supported	■ Two USB ports ■ Serial port, up to 115.2KB, DB-9 ■ Bi-directional Centronics-compatible parallel port, DB-25
Networking	■ TCP/IP with DNS and DHCP	■ 10/100Base-T Ethernet with WakeOnLAN, twisted pair (RJ-45)
Display Support[2]	■ VESA monitor support	**Maximum resolution and refresh rates (Hz)** 64K colors: 1280x1024 @ 100Hz 1600x1200 @ 85Hz 16.7M colors: 1280x1024 @ 100Hz
Audio[2]	■ Output: 1/8-inch mini, full 16-bit stereo, 48 KHz sample rate	■ Integrated speakers ■ Input: 1/8-inch 8-bit mini microphone
Physical Characteristics (H x W x D)	■ Height: 14.6 inches (370mm) ■ Width: 14.2 inches (360mm)	■ Depth: 7 inches (178mm) ■ Shipping weight: (need weight) lbs (2.7kg)
Accessories and Add-Ons	■ See www.wyse.com/products/accessories for availability information	
Environmental	**Temperature range** ■ Powered on: 50° to 104°F (10° to 40° C) ■ Powered off: -40° to 140°F (-40° to 60° 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	■ Average power usage: 5.6 Watts (Set-up: device connected with 1 USB keyboard, 1 PS/2 mouse, and monitor)

14.6 in.

7 in.

Regulatory compliance	**Ergonomics** ■ German EKI-ITB 2000 ■ ISO 9241-3/-8	**Safety** ■ cULus 60950 ■ TÜV-GS ■ EN 60950	**RF interference** ■ FCC Class B ■ CE mark ■ 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)

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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)

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