

Flexible and expandable flat-panel thin client. High performance and high style!



SIMPLE POWERFUL FLEXIBLE

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.

Key Features	Key Benefits
Built-in 15-inch LCD with 1024x768 SVGA and 32-bit resolution	High-quality, high contrast ratio, brilliant image with large screen display
Windows XP Embedded, Service Pack 1	Latest OS, access to broad peripheral and device support, ability to embed local applications
Built-in Microsoft Internet Explorer 6.0 (with Media Player and Flash Player)	Direct web access, local JVM, Flash/Shockwave support, optional IE plug-ins
Supports latest RDP and ICA® protocols	Flexibility to select preferred terminal services protocol
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

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. As a member of the *Flexible* class of Winterm desktops, the model 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.

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.



## 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

## Display Support<sup>1</sup>

- VESA monitor support
- Video: selectable, up to 1024 x 768 @ 32-bit color
- Flicker-free, 75 Hz maximum refresh rate

## Audio<sup>1</sup>

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

## Input/Output

- Keyboard: enhanced PS/2 with Windows keys (104 keys)<sup>2</sup>
- 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)

## 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
- Factory Installed Internal Options
  - 512MB RAM upgrade
  - 20GB HD
  - Internal USB Wi-Fi® 802.11b
  - Internal CD-ROM or DVD
  - Integrated touchscreen
- External Options
  - External USB Wi-Fi 802.11b
  - USB-to-serial port converter
  - USB-to-parallel port converter
- 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 (10/100Base-T Ethernet with Wake-on-LAN)
- Terminal configuration (IP information, name, etc.)
- Reporting
- Remote management, configuration, and upgrades through Wyse Rapport client management software (Workgroup edition 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)

- 14.6in x 14.2in x 7in
- 37cm x 36cm x 17.8cm
- Shipping Weight: 20.2 lbs (9.2 kg)

## Environmental

### Operating temperature range

- Operating: 50° to 104°F (10° to 40° C)
- Storage: -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

## Regulatory compliance

### RF interference

- FCC Class B
- CE mark
- TÜV GS
- VCCI (9/03)

### Safety

- UL 60950
- CSA 60950
- C-Tick

### Ergonomics

- EK1-ITB-2000
- ISO 13406-2

## Warranty

- One-year limited hardware warranty



<sup>1</sup> Monitor, speakers and microphone not included. <sup>2</sup> Keyboard not included with international models.

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