

Modular Windows Custom-Application Terminal



THE MOST FLEXIBLE AND EXPANDABLE THIN CLIENT, THE WINTERM 8440XL IS BASED ON WINDOWS NT EMBEDDED, PROVIDING LOCAL APPLICATION EXECUTION, ROBUST MULTIMEDIA, LOCAL BROWSING, LEGACY I/O, AND EXTENSIVE PERIPHERAL SUPPORT

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 NT Embedded, supports standard Windows NT 4.0 drivers	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 in a thin client
Microsoft MediaPlayer, on board AGP video and 3D sound optional	Access true multimedia applications at the desktop
Local Windows NT desktop interface, also displays Windows NT desktops and applications via multiuser Windows NT and Windows 2000 servers	High-performance industry-standard OS to access broad range of standard drivers
Supports RDP 5 and ICA 6 protocols	Flexibility to choose optimal protocol
Connects to any VESA standard monitor	Flexibility to use almost any monitor
10/100BaseT Fast Ethernet with WakeOnLan, one serial, one parallel, and two USB ports, PCI/ISA slot	Fast LAN/WAN connectivity, robust peripheral support, dial-up capabilities
Remote management and configuration through Wyse Rapport administrative software	"Visit-free" management, upgrades, and configuration from administrator's console
Microsoft Internet Explorer 5.5 resident	Direct web access, local JVM optional
Three-year Buyer's Protection Plan	Assurance of reliability, availability, and performance, from the industry leader

SECURE MANAGED THIN CLIENT

Includes Wyse® Rapport™ Workgroup and WyseWorks® Remote Administrator

Wyse® Winterm™ Windows® custom-application terminals deliver the best of PCs and Windows-based terminals in a desktop device with the simplicity and durability of a telephone. They combine rapid, easy access to centralized server-based or local 32-bit Windows-based applications to enable rapid application deployment while improving manageability and reliability, and lowering the total cost of ownership.

The Winterm 8440XL, based on the Microsoft® Windows NT® 4.0 Embedded operating system, is the most flexible and expandable Wyse terminal to allow the embedding of local 32-bit Windows applications.

Vital Windows applications which cannot be server-based can be embedded on the model 8440XL, and with on board AGP video and 3D sound, multimedia applications can be accessed locally and experienced fully. Plus, with Internet Explorer 5.5, there is full local Internet and intranet access with plug-in support. With the Winterm 8440XL, administrators have the freedom to choose either the Microsoft RDP 5 or Citrix® ICA® 6 protocol; to deploy the latest ICA technology, such as local Program Neighborhood.

The Winterm 8440XL utilizes the Windows NT desktop interface, and has an unmatched array of connectivity and communications features. Its slim, modular design allows for use with most existing monitors.

Using the Winterm 8440XL is the best way for organizations that need a thinner approach to desktop and IT management, while allowing increased flexibility, productivity, security, and longevity.

The Winterm 8440XL is available in custom configurations with many unique peripheral options, including internal hard drive, CD-ROM drive, or floppy drive, plus a modem.

And the Winterm 8440XL comes loaded with WyseWorks® Remote Administrator and Wyse Rapport™ (workgroup) administrative software to give you the finest thin-client management in the industry.

Specifications

Modular Windows

Custom-Application Terminal

- Integrated Microsoft RDP and Citrix ICA protocols and terminal personalities standard
- 48MB FLASH RAM (expandable to 144MB) DOC
- 64MB DRAM (expandable to 256MB)

Display Support ²

- VESA monitor support, with DDC for automatic setting of resolution and refresh rate
- Colors: up to 24 bit
- Video: selectable, up to 1600x1200
- Flicker-free, 85 Hz maximum refresh rate (1600x1200 maximum refresh rate is 60Hz)

Audio ²

- 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 ³; low profile design with two-position tilt; detachable 5-foot (1.5-meter) cable
- Mouse: PS/2 mouse included
- Local and/or network printers
- VGA-type video output (DB-15)
- One USB port

Networking

- TCP/IP with DNS and DHCP
- 10/100BaseT Fast Ethernet, twisted pair (RJ-45)
- Multiple master browser support on ICA
- Supports Citrix load balancing on ICA

Expandability

- Available built-in hardware options include 6GB hard drive, floppy disk drive, CD-ROM, 56K modem, Token Ring

Communications

- One serial port: 16C550 (fifo) compatible, up to 115.2 Kbaud
- One parallel port: bi-directional Centronics-compatible, DB-25
- Two USB ports

Communication Protocols/Terminal Emulations Supported

- Microsoft Internet Explorer 5.5 resident: HTML, JavaScript, XML, Active X, JVM (optional), and plug-ins (optional)
- RDP 5 resident
- ICA 6 Program Neighborhood resident
- Optional terminal emulation suite including: Wyse WY-60, WY-50, WY-50+; IBM TN3270e, TN5250, 3151; DEC VT420; ADDS A2; Hazeltine 1500; and SCO Console

Server OS Compatibility/Support

- Microsoft Windows 2000
- Microsoft Windows NT Server 4.0, Terminal Server Edition; does not require Terminal Server Client Access License for Windows NT 4.0 Terminal Server Edition
- Citrix WinFrame®
- Citrix MetaFrame®
- Citrix Device Services

Set-Up and Configuration

User interface

- Local boot
- Keyboard language support: French, German, Italian, U.K. English, U.S. English standard, others optional

Configuration

- Remote screen shadowing of entire desktop (VNC)
- PXE (standard Windows NT image updating mechanism)
- Remote management, configuration, and upgrades through Wyse client management software (included)

Physical Characteristics

- 9.5 x 1.9 x 8.6 in.
- 24 x 5.0 x 22 cm.

Environmental

Temperature range

- Powered on: 32° to 104°F (0° to 40° C)
- Powered off: -14° to 140°F (-10° to 60° C)
- Convection or fan cooling

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

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, call 800 800 WYSE (800 800 9973), or visit the Wyse website at www.wyse.com

WYSE
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WYSE
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1981-2001
Celebrating Our
First 20 Years



¹Applications are embedded by Wyse Technology or certified Authorized Winterm Partners. ²Monitor, speakers and microphone not included. ³Keyboard not included with international models.

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