

Modular Windows Custom-Application Terminal



FLEXIBLE LEGACY I/O-FREE WINDOWS CUSTOM-APPLICATION TERMINAL

Key Features	Key Benefits
Microsoft Windows NT Embedded operating system	High-performance industry-standard OS to access broad range of standard drivers with the benefits of a thin client
Local Windows NT desktop interface, displays NT desktops and applications via multiuser Windows NT and Windows 2000 servers	Failure-proof solution (key application runs 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 RDP 5 and ICA 6 protocols, 15 resident terminal emulations optional	Connectivity to almost any back-end system
Built-in Microsoft Internet Explorer 5.5	Direct web access, local JVM optional
Supports Microsoft Media Player (optional)	Provides easy access to industry-standard multimedia applications
Connects to any VESA standard monitor	Display choice flexibility
10/100BaseT Fast Ethernet with link lights, four USB ports	Fast LAN/WAN connectivity, robust peripheral support
Domain participant ¹ managed with existing NT policies/profiles; Windows NT domain security	Easy integration into Microsoft domain model and reduced administration
Wyse Rapport Workgroup and WyseWorks Remote Administrator management software embedded	"Visit-free" total control remote management, upgrades, and configuration from administrator's console of all terminal features
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™ thin clients are a simpler and easier way to deliver the productivity and application flexibility of a PC without the PC downsides of high service costs, low reliability, and short product life. Because thin clients are designed with no moving parts that can break down or lose data, they deliver greater data security and virus resistance, and significantly increased reliability versus a PC. They are quieter, easier-to-deploy, and simple to manage remotely.

The Winterm 8235LE is a flexible terminal for those who need cost effective access to local Windows applications which cannot be server based. Because the Winterm 8235LE utilizes the Microsoft® Windows NT® 4.0 Embedded operating system², Windows applications which cannot be server-based can be embedded in the terminal, multimedia applications can be accessed locally, and with local Internet Explorer 5.5, there is full Internet and intranet access with plug-in support.

The Winterm 8235LE has a tiny footprint, an attractive design, and can be mounted easily on the wall or the back of your monitor. It comes with fully integrated 16-bit stereo sound capability, 10/100BaseT network support, and optimized I/O with four USB ports.

With the Winterm 8235LE administrators can select either the Microsoft RDP 5 or Citrix® ICA® 6 protocol and can deploy the latest ICA technology, such as local Program Neighborhood. Administrators can also attach to any back-end mainframe or legacy server using 15 resident³ terminal emulations. The Winterm 8235LE also provides the ability to join the Windows NT domain model for Windows NT management and security via policies and profiles, and also provides VNC remote desktop management.

Administrators prefer Winterm terminals because they can be set up and added to the network quickly using the simple set-up wizard - and can be easily managed with Wyse Rapport™ client management software, included with the terminal.

Specifications

Modular Windows Custom-Application Terminal

- Integrated Microsoft RDP 5 and Citrix ICA 6 protocols and terminal personalities standard
- 64MB FLASH/96MB RAM
- 96MB FLASH/128MB RAM

Display Support ⁴

- VESA monitor support, with DDC for automatic setting of resolution and refresh rate
- Colors: 256 (8-bit) or 65,536 (16-bit)
- Video: selectable, up to 1024x768, 16-bit color
- Flicker-free, 75 Hz noninterlaced refresh (1280x1024 maximum refresh rate is 60 Hz, 8-bit color)

Audio ⁵

- 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 USB with Windows keys (104 keys) included⁶; low profile design with two-position tilt; integrated PS/2 mouse port; detachable 5-foot (1.5 meter) cable
- Mouse: PS/2 mouse included (attached via USB⁷ keyboard)
- Local printers via USB, network printers
- VGA-type video output (DB-15)

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
- SNMP MIB groups supported: system, interfaces, AT, IP, ICMP, TCP, and UDP
- SNTP time services

Communications

- Four USB ports: one port dedicated for USB keyboard with PS2 mouse; three ports available for peripherals

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
- No-charge 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 (Server version)
- Microsoft Windows NT Server 4.0, Terminal Server Edition
- Citrix WinFrame®
- Citrix MetaFrame®
- Citrix Device Services

Management

- SNMP discovery of terminals
- Send messages
- Remotely shadow desktop
- Complete image upgrade
- Wake terminal remotely (Wake on LAN)
- Terminal configuration (IP information, name, etc.)
- Reporting
- Remote management, configuration, and upgrades through Wyse client management software (included)

Set-Up and Configuration

User interface

- Boot from local FLASH
- Keyboard language support: French, German, Italian, U.K. English, U.S. English standard, others available
- Windows NT user interface language: U.S. English

Configuration

- Remote screen shadowing of entire desktop (VNC)
- Remote management, configuration, and upgrades through Wyse Rapport

Physical Characteristics

- Height: 1.70 inches (4.3cm)
- Width: 7.64 inches (19.4cm)

- Depth: 6.18 inches (15.7cm)
- Shipping Weight: 7.7 lbs (3.5kg)

Environmental

Temperature range

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

Ergonomics

- EK 1/59-98, EK 1/60-98
- EPA Energy Star

Safety

- UL 1950, CSA 950
- TÜV-GS approved
- EN 60950 approved

RF interference

- FCC Class B
- CE mark
- EN55022B
- VCCI

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



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¹Optional ²Applications are embedded by Wyse Technology or certified Authorized Winterm Partners. ³Optional ⁴Monitor, speakers and microphone not included. ⁶Keyboard not included with international models. ⁷Optional

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