

# Modular Windows-Based Terminal

Winterm 3230LE

POWERFUL LEGACY I/O-FREE WINDOWS-BASED TERMINAL  
WITH LOCAL WEB BROWSER.



## Key Features

- Plug-and-play connectivity, with small/zero footprint and power cord
- Built-in Microsoft Internet Explorer browser
- Modular design connects to any VESA-standard monitor
- Supports RDP 5 and ICA 3 protocols
- Multiple terminal emulations standard
- Multiple session support
- 10/100BaseT Fast Ethernet with link light, two USB ports
- Convection cooled; no moving parts
- Supports SNMP, DHCP, asset management
- Manage and configure centrally
- Three-year Buyer's Protection Plan

## Key Benefits

- Easier to install, connect, and use out of the box
- Local Internet Explorer browser provides instant access to web-based applications
- Freedom to choose the monitor that best suits your needs
- Gives administrators the flexibility to choose the protocol that fits their needs
- Delivers simple integration of legacy systems with Windows NT and Windows 2000 Server-based systems
- Increases productivity
- Convenient I/O connection and networking options
- Silent, durable, reliable; low electricity use
- Works with major industry-standard network management software packages
- Permits asset management, firmware upgrades, reconfiguration, and customized configurations—either from administration server or from other desktops

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 have significantly increased reliability versus a PC. They are quiet, easy-to-deploy, and simple to manage remotely.

The Winterm 3230LE is a powerful terminal for those who need both the manageability of a centralized server environment and the power of web-based application access from the desktop. With increased session support, and a built-in Internet Explorer 4.0 browser, the Winterm 3230LE can be used alone as a browser terminal or with popular thin-client solutions like Windows® 2000, Windows NT® 4.0, Terminal Server Edition, and Citrix® MetaFrame®. This

modular terminal is ideal for users in a LAN environment who use a standard suite of office productivity applications, plus email, web-based applications, and Internet browsing, and who utilize network-based peripherals, including printers.

The Winterm 3230LE 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, optimized I/O with two USB ports, and supports multiple sessions. Administrators prefer Winterm terminals because they can be set up and added to the network quickly using the simple set-up wizard.

**WYSE**  
I I I I

**Smarter. Easier. Thinner.**  
Innovative Thin Clients from Wyse.

# Winterm Model 3230LE

## MODULAR WINDOWS-BASED TERMINAL

- Embedded Internet Explorer Browser
- Integrated Microsoft® RDP 5 and Citrix ICA 3 protocols
- Terminal emulations included
- Enhanced version of WBT 1.5 from Microsoft

## DISPLAY SUPPORT<sup>1</sup>

- VESA monitor support, with DDC for automatic setting of resolution and refresh rate
- Colors: 256 (8-bit) or 65,536 (16-bit)<sup>2</sup>
- Video: selectable, up to 1024x768
- Flicker-free, 85 Hz noninterlaced refresh rate

## AUDIO<sup>1,3</sup>

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

## INPUT/OUTPUT/PERIPHERAL SUPPORT

- Keyboard: enhanced USB with Windows keys (104 keys) included<sup>4</sup>; low profile design with two-position tilt; integrated PS/2 mouse port; detachable 5-foot (1.5-meter) cable
- Mouse: PS/2 mouse included
- Local and/or network printers on ICA and RDP
- VGA-type video output (DB-15)

## NETWORKING

- TCP/IP with DNS and DHCP
- 10/100BaseT Fast Ethernet, twisted pair (RJ-45) with link light
- Point-to-Point Protocol (PPP)
- Multiple master browser support on ICA
- Supports Citrix load balancing on ICA
- SNMP support allows configuration of terminal settings, reporting of terminal configuration and attached devices, traps
- DHCP support for automatic firmware upgrades and unit configuration

## COMMUNICATIONS

- Two USB Ports: One port dedicated for USB keyboard, one port available for peripherals

## COMMUNICATION PROTOCOLS/ TERMINAL EMULATIONS SUPPORTED

- RDP 5 resident
- ICA 3 resident
- Wyse WY-60, WY-50, WY-50+; IBM TN3270e, TN5250, 3151; DEC VT420; ADDS A2; Hazeltine 1500; and SCO Console resident

## SERVER OS COMPATIBILITY/SUPPORT

- Microsoft Windows 2000 (Server version)
- Microsoft Windows NT Server 4.0, Terminal Server Edition
- Citrix WinFrame
- Citrix MetaFrame, the Citrix enhancement to Microsoft Windows NT Server 4.0, Terminal Server Edition
- Citrix Device Services (included)

## SET-UP AND CONFIGURATION

### User Interface

- Local boot
- Start-up wizard for simple set-up
- Keyboard language support: Belgian Dutch and French, Brazilian, Canadian French and English, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Latin American, Norwegian, Polish, Portuguese, Romanian, Russian, Slovak, Spanish, Swedish, Swiss French, Swiss German, Turkish, U.K. English, and U.S. English

### Configuration

- Configurable automatic login
- Individual user account customization

## PHYSICAL CHARACTERISTICS

- Height: 1.70 inches (4.3cm)
- Width: 7.64 inches (19.4cm)
- Depth: 6.18 inches (15.7cm)
- Shipping weight: 7.7lbs (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 90-264 VAC, 47-63 Hz
- Wake-on-LAN ready

## 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 pending
- 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](http://www.wyse.com)

# WYSE

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<sup>1</sup>Monitor or speakers and microphone not included. <sup>2</sup>Currently ICA and RDP protocols limited to 256 colors. <sup>3</sup>Requires support by server OS and protocol. <sup>4</sup>Keyboard not included with international models.  
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