

Winterm™ Wireless 2930

Wireless, Handheld Windows-Centric Thin Clients

Wyse Technology is proud to introduce the Winterm 2930 portable terminal, an exciting new addition to the Winterm thin-client family of products. This wireless Winterm unit delivers the cost efficiency, ease-of-use, information systems data security, and network manageability of a Windows-centric thin client. In addition, its wireless design is light and compact enough to take anywhere.

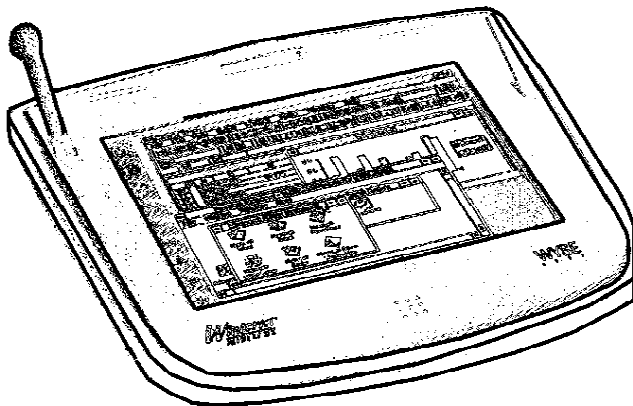
Key Features

- Provides mobile access to DOS, Windows 3.1, Windows 95, and Windows NT applications via multiuser Windows NT application servers
- High-quality LCD display, 64 x 480 pixels with 16 or 256 colors
- Includes an integrated touch-screen for finger or stylus use
- Allows uninterrupted battery operation—up to eight hours without recharging (varies with usage)
- Weighs only 3.4 lbs, (1.5 Kgs)
- ICA 3 Protocol-compliant
- Communicates over re;ovable 2.4 GHz spread-spectrum, RF Local Area Networks
- Supports a local PS/2 keyboard

Winterm™

Key Benefits

- One of the lightest, most reliable handheld computer product able to display Windows applications
- Standard SVGA display takes Windows applications wherever needed
- Long battery life
- Protects data and application software
- No modification or porting of software required
- Secure wireless communications
- Cost-effectively deploys Windows applications to mobile workers



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THE WINTERM 2930— MOBILE CONNECTIVITY FOR MICROSOFT WINDOWS- CENTRIC THIN CLIENTS

With its introduction of the Winterm™ 2000 series of desktop thin-clients, Wyse Technology established a new approach to deploying applications. The Winterm 2930 continues that tradition, providing all the important benefits of the Winterm 2000 desktop series, including exceptional security and low ownership cost. At the same time it adds a new level of portability to accommodate your mobile computing needs.

Like Winterm desktops, the Winterm 2930 delivers the performance, security, and reliability you expect from your Microsoft Windows NT servers. It also offers the cost, management, and control benefits of centralized computing. Plus, it gives you the flexibility of using both off-the-shelf and custom applications developed for the popular Windows operating system.

THE ADVANTAGES OF A HANDHELD PC... WITHOUT THE LIMITATIONS

As a Windows thin client, the Winterm 2930 has been specifically designed to provide a display into

applications that run on centralized computing systems. This makes it significantly superior to handheld PCs that try to miniaturize all of the components of a desktop PC in order to fit a hand-held package design.

Other hand-held solutions face severe limitations as well. Many must have a unique interface to meet the requirements of a small screen. And, since handheld PCs can't run today's popular 32-bit operating systems and custom software applications, many also only work with less powerful and poorer performing applications.

DELIVERING ALL THE RESOURCES OF A HIGH-END SERVER

The Winterm 2930 avoids those limitations by taking a different, thin-client approach. First, it uses the same efficient ICA 3 protocol used with Winterm desktops. ICA 3 protocol is used both to send display information to the hand-held client and to transmit data entry at the client back to the server. The Winterm 2930 communicates with a host application server that runs a multiuser version of the Windows NT operating system, running all user session applications on the central system.

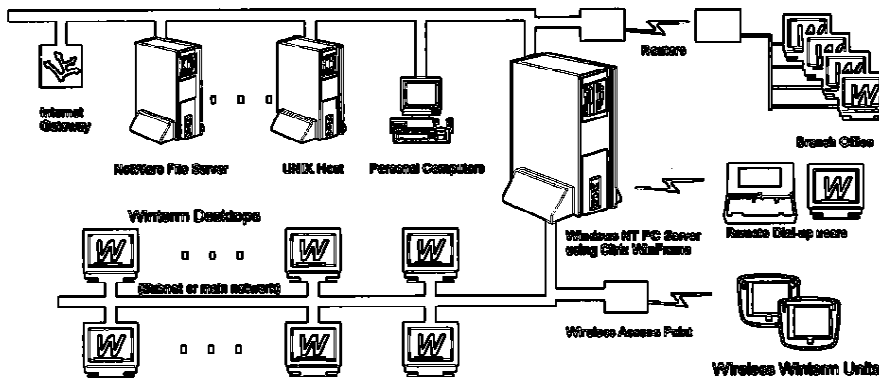
Due to its more advanced technology, the Winterm 2930 is able to deliver all the resources of a high-end server to its users. As a portable client in constant communication with the server, the Winterm 2930 is always "on-line." So, as users update corporate information on their portable Winterm units, all the data is stored on the central server where it becomes instantly available to the entire workforce. What's more, since Winterm 2930 applications run on a server hooked into your corporate backbone, all of the resources of your Information Systems—from large disk drives and powerful processors to high-bandwidth connections to the Internet—are available to the mobile worker.

PERFECT FOR POINT-OF- ACTION APPLICATIONS

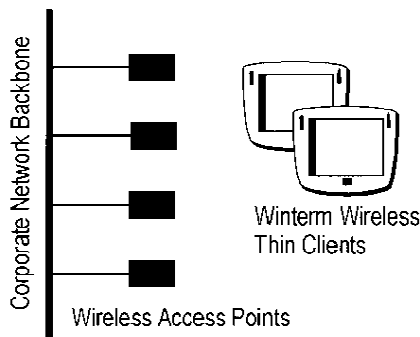
Wireless Winterm portables give users the ability to take their complete, full capacity application to locations and situations where interacting with information systems resources is vital.

The Winterm unit's pen-based interface is easy to use while standing or walking, whether you're on the manufacturing floor of a factory, or accessing health care applications in a hospital room. And, with minor application customization, you can take advantage of its easy point-and-click interface and touch-sensitive LCD, as well as access its pop-up touch keyboard for convenient data entry.

The Winterm 2930 works with a wide variety of peripherals. It includes a PS/2 port for connecting input devices such as keyboards, hand-held scanners, and pointing devices. In addition, the Winterm 2930 provides a serial connector with AUX port support for data input.



Winterm wireless thin clients expand on the extensive connectivity options already available for Winterm 2000 series thin clients. Wireless Access points provide connection to 10Base2 or 10BaseT corporate networks and provide access for multiple Winterm 2930 terminals.



Multiple access points can be used to wire a complete building or site. Winterm Wireless thin clients automatically hop between access points to provide seamless connectivity to users wherever their jobs take them.

THE FLEXIBLE WIRELESS CONNECTION

To afford maximum usage flexibility, the Winterm 2930 uses the power of a radio frequency network to communicate with its host and access other computing resources. Integrated into this wireless thin client is a radio that takes advantage of standard Radio-Frequency LAN (RF LAN) technology while conforming to the WLIF recommendations for 2.4 GHz, spread spectrum communications.

GETTING CONNECTED TO A WIRELESS LAN

Just as current wired networks are in many ways transparent to the desk-bound worker, the wireless LAN is transparent to the mobile user. A mobile connection can hop from access point to access point without the user ever knowing, in much the same way cellular phones hop between cellular base stations.

Wireless computing uses Radio-Frequency LANs. To begin using wireless communications, you only need to install a Radio-Frequency LAN. RF LAN hubs (also called Access Points) establish a communications medium that can be used

by any computing resource in a given area. Depending on building construction or terrain, one access point can provide connectivity to any device within a 200 to 1000 foot radius. In addition, you can install a number of RF LAN hubs so they work together to create a single RF LAN that can span large areas.

Wireless LAN equipment compatible with the Winterm 2930 thin-client is available from most major computing equipment manufacturers and from Proxim, Inc.

WORKING WITH MULTIUSER WINDOWS NT

The Winterm 2930 wireless thin-client is designed to be used with multiuser Windows NT operating systems such as:

- WinFrame[®] from Citrix[®] Systems
- NTrigue from Insignia Solutions

The Winterm 2930 comes complete with all the software necessary to add roaming, wireless connectivity to any server using these multiuser Windows NT operating systems. Included software from Cruise Technologies, Inc., installs your multiuser Windows NT server, "mobilizing" it for wireless LANs and Winterm Wireless thin clients. In addition, the package includes software utilities that make it easy to configure your wireless network, as well as useful, pop-up utilities that work with the Winterm 2930.

FROM WYSE—A LEGACY OF LEADERSHIP

A world leader in thin-client/network computing, Wyse Technology is the world's most experienced thin-client manufacturer. Since 1981, Wyse has placed over 8 million units worldwide and is the leading supplier of advanced high-resolution desktop display technology. The Winterm 2000 series benefits from Wyse's rich legacy of system compatibility, adherence to standards, and system dependability.

WINTERM OPTIONS

WyseWorks[®] Terminal Suite for Windows NT: Software to integrate Windows, DOS, UNIX, Internet, and mainframe application access on your Winterm unit

Add WyseWorks Terminal Suite software to the Windows NT application server, and deliver Wyse Winterm access to legacy applications written for the world's most popular character terminals. This 32-bit Windows NT suite of terminal emulations is perfect for seamless integration of character-based legacy and graphical Windows applications.

IDEAL APPLICATIONS

High Security Computing

- Retail point of sale
- Banking and insurance
- Financial services
- Government
- Human Resources management

Remote Access

- E-mail and scheduling
- Internet and intranet access
- Branch office automation

Low Cost Client for General Data Processing

- Transaction processing
- Database
- Administrative Applications

Winterm Wireless 2930

ERGONOMICS

- 8.5-inch dual scan LCD display
- Video 640 x 480 pixel resolution at 16 or 256 colors
- Integrated touch- or stylus-activated digitizer panel
- Sleep and hibernate power-saving mode
- Lithium ion battery provides 5-8 hours of use (varies with usage)
- Front-mounted LCD indicator panel

CONTROLS

- On-screen display for brightness and contrast control

TECHNOLOGY

- Video: dedicated graphics engine
- RAM: Dynamic object caching
- Super VGA compatible
- Auto detects PS/2 mouse or keyboard
- Integrated ICA 3 decoding engine

SETUP

User Interface

- Fully graphical user interface
- User-definable security code for wireless access
- Automatic browsing for available servers

NETWORKING

- TCP/IP w/DNS and DHCP

APPLICATIONS SERVER OPERATING SYSTEMS SUPPORTED

- WinFrame from Citrix Systems
- NTrigue from Insignia Solutions

COMMUNICATIONS

- Integrated spread-spectrum frequency hopping radio
- 100 mW transmit power
- 1.6 Mbps (Max.) data rate
- 2.4 - 2.4835 GHz frequency band
- Coverage range: up to 500 feet in office environments; up to 1,000 feet in open spaces
- Unlimited effective range provided through roaming among RF LAN access points
- Serial: 1 serial communication port

SUPPORT UTILITIES

- CruiseConnect software support from multiuser Windows NT
- Wireless FLASH memory upgrade utility
- Pop-up on-screen keyboard, number pad

PHYSICAL CHARACTERISTICS

- Height: 1.0 in (25 mm) at front, sloping to 1.8 in (46 mm) at rear
- Vertical 10.6 in (269 mm)
- Horizontal: 9.8 in (249 mm)

Shipping Weight

- 5 lbs (2.27 Kgs)

ENVIRONMENTAL

Temperature

- Operating range: 41° to 104°F (5° to 40°C)
- Nonoperating range: 14° to 122°F (-10° to 50°C)

Humidity

- 15 to 80% noncondensing

Altitude

- Operating range: -200 to 10,000 ft (-61 to 3,072 meters)

POWER

- External autosensing 110/220 VAC fast-charge AC adapter/charger
- Sleep and hibernate power saving modes; immediate sleep hot icon
- Lithium ion battery (provides 5 to 8 hours of use on a single charge)

REGULATORY COMPLIANCE

- Meets FCC part 15, subpart B, Class B
- Meets FCC part 15, subpart C
- UL 1950, CSA 950

WARRANTY

- One-year limited warranty within country of purchase

CUSTOMER SERVICE

The Wyse Customer Service Center offers a wide array of services and programs. For more information, or for the nearest Wyse Service Center, call 800-GET-WYSE (800-438-9973), or visit our Web site at www.wyse.com

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WYSE TECHNOLOGY

3471 N. First Street
San Jose, CA 95134-1803

**For more information, call:
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3/97 Rev. A

880922-85