WYSE

Wyse® Winterm™ 1200LE

Appliance-like Thin Computing

Highly Responsive Performance, Compact Chassis, Low Cost.

The Winterm™1200LE is a high-performance yet low cost thin client from Wyse, the #1 supplier of thin computing solutions. This remarkable unit combines great performance, stateless operation, low power consumption, USB ports, remote management, and simple device setup and imaging. Low acquisition cost, low power consumption, visit-free management, and access to applications running on a server emphasize the overall low costs of Wyse thin computing solutions.

Designed from the ground up to perform, the Winterm™ 1200LE and its unique "Blazer" software delivers responsive interaction with applications running on a server using either RDP to connect to Windows Terminal Services or ICA to connect to a Citrix Presentation Server. The highly optimized Blazer software results in RDP and ICA session performance that is several times faster than other full-featured embedded operating systems with more powerful and more expensive hardware.

Image management is automated via DHCP and FTP, and additional device management is achieved through integration with Wyse™ Rapport®, the industry's leading enterprise class thin client management solution. The model 1200LE offers the utmost security and protection from viruses and malicious software because the Blazer software does not have a publicly exposed API that can be exploited by hackers, and no data is stored on the device.

The Winterm™ 1200LE is housed in a small and unobtrusive enclosure that readily fits into any workspace such as a desktop, or mounted on a wall or under a desk.

Features	Benefits
RDP and ICA session support via a straightforward connection manager	Choose one or both of the leading thin computing session access protocols
Multiple session support with true seamless Windows	Increases user productivity by enabling multiple applications to run with a fully functional and familiar user interface
Significantly faster remote application execution performance than most thin clients	The ultra thin and highly optimized Blazer software achieves fast and responsive performance with modest low-cost hardware … performance is typically up to 3x of other thin clients even those with more powerful microprocessors
Image loading via DHCP and ftp	Permits reconfiguration, firmware upgrades, and customized configurations either from an administration server or other desktops
Plug-and-play connectivity	Simple and fast to install, connect, and use out of the box
Stateless device	Simple install, startup, free seating, and rapid device replacement because all configuration settings are stored on a server
Data security and integrity	No data is stored on the thin client, so it cannot be lost or stolen
Integrated 10/100 Ethernet and wireless LAN connectivity	Connect to wired and wireless networks
Fanless and diskless	No motors results in lower power consumption, quiet operation, and ultra-high reliability (very low MTBF)
Wyse Rapport thin client management	Remote management including configuration, device health, reboot, and more
Three-year Buyer's Protection Plan	Assurance of reliability, availability, and performance, from the #1 thin computing vendor
Small and compact unit	Readily fits into most any workspace, as well as "out of the way" mounting options

Wyse® Winterm™ 1200LE

Software

Modular Terminal
- Integrated Citrix ICA and RDP protocols standard with 32MB RAM

Firmware Features
- ICA and RDP, NFuse Lite Client resident

Server OS Compatibility/Support
- Citrix WinFrame, WinFrame, and Presentation Server
- Microsoft Windows NT 4.0 – Terminal Server Edition
- Microsoft Windows Server 2000 and 2003

Set-Up and Configuration

User interface
- Stateless architecture
- All configuration stored on server
- Keyboard language support: Belgian Dutch and French[1], Brazilian[1], Canadian French, Danish[1], Dutch[1], Finnish[1], French, German, Italian, Norwegian[1], Polish[1], Portuguese[1], Spanish, Swedish[1], Swiss French[1], Swiss German[1], U.K. English, U.S. English, and more

Configuration
- Stateless server-based configuration
- Free seating and unit configuration
- Network printing via LPD
- PPPoE to connect to WAN via DSL
- Simple Network Time Protocol (SNTP)
- TCP/IP, DNS
- VNC server

Protocol Support
- Point-to-Point Protocol (PPP)
- Windows 2000 RAS support
- Wi-Fi 802.11b USB (visit www.wyse.com for supported peripherals)
- Multiple master browser support on ICA
- Supports Citrix load balancing on ICA
- DHCP support for automatic firmware upgrades

Management
- Remote management, configuration, and upgrades through Wyse Rapport software (agent and Workgroup edition included)
- Wake terminal remotely (Wake-on-LAN)

Hardware

Microprocessor
- AMD Geode GX, because the Blazer software is so highly optimized, the microprocessor runs at a cool energy saving frequency of 233MHz

Input/Output/Peripheral Support[1]
- Keyboard: enhanced USB with Windows keys (104 keys) included[1]; low profile design with two-position tilt; integrated PS/2 mouse port; detachable 5-foot (1.5-meter) cable
- Mouse: PS/2 mouse with scroll wheel included
- Local and/or network printers
- VGA-type video output (DB-15)
- Two USB ports: one port dedicated for USB keyboard, one port available for peripherals

Networking
- TCP/IP with DNS and DHCP
- 10/100Base-T Fast Ethernet, twisted pair (RJ-45)
- Wake-on-LAN ready

Display Support[2]
- VESA monitor support, with DDC for automatic setting of resolution and refresh rate
- Flicker-free, 85 Hz non-interlaced refresh rate
- ELO Touchscreen with USB

Display Resolution	Color Depth
1280x1024 @ 85Hz	8-bit, 256 colors
1280x1024 @ 85Hz	16-bit, 64K colors

Audio[2]
- Output: 1/8-inch mini, full 16-bit stereo, 48 KHz sample rate
- Input: 1/8-inch 8-bit mini microphone

Physical Characteristics (H x W x D)
- Height: 1.70 inches (430mm)
- Width: 7.64 inches (57mm)
- Depth: 6.18 inches (157mm)
- Shipping weight: 7.7lbs (3.5kg)
- Optional wall mount bracket, CRT mount bracket, or bracket to securely mount to the back of LCD panels using VESA compliant mounting holes

Accessories and Add-Ons
- See www.wyse.com/products/accessories for availability information

Environmental

Temperature range
- Operating: 32° to 104°F (0° to 40° C)
- Storage: -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
- Average power usage: 8.4 Watts (Set-up: device with keyboard, mouse, and monitor connected)

Regulatory compliance

Ergonomics
- EK 1/59-98, EK 1/60-98

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

RF interference
- FCC Class B
- CE mark
- EN55022B
- VCCI

Warranty
- Three-year limited warranty

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[1]Keyboard not included with international models. [2]Monitor, speakers, and microphone not included.

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Wyse Blazer Thin Client Platform, Version-5.0

Features & Benefits

Version-5.0 adds new expanded capabilities for accessing published applications running remotely via a Citrix server or via Microsoft terminal services. The following new features complement the already existing feature set. Some features (marked with an asterisk "*") may only be available on a larger software image that is retrieved from a server and executed upon boot-up.

Session Type	Features	Use/Benefit
ICA	Basic ICA features and functionality	▪ Up to 1280x1024 resolution with 24-bit color depth (actual resolution and color depth varies by specific thin client model) ▪ 1280x1024 resolution with 24-bit color depth ▪ Memory and persistent cache ▪ International keyboard support ▪ Browsing (TCP/HTTP) ▪ Disconnect & Reconnect ▪ Encryption, up to 128 bit strength ▪ Printer support ▪ COM port support ▪ Bidirectional audio (client to server is new) ▪ Clipboard ▪ PDA sync via USB ▪ Multi-farm support via PN Agent ▪ Password expiration in PN Agent ▪ Roaming user reconnect ▪ International time zone support
	ICA version-8 client compatibility with seamless windows	Provides access to Citrix Presentation Server with version-8 compatibility and functionality, enabling an end-user experience such that published applications have the same (seamless) appearance, operation, and desktop integration as do locally run applications
	SSL/TLS Encryption	Enables a secure connection between the Blazer ICA client and a Citrix server.
	Secure Gateway Support via the Program Neighborhood Agent*	Enables secure access from remote locations to any application hosted on Citrix PresentationServer, as well as distributed Windows andUNIX applications, direct-access Web applications, network file shares, data and collaboration services, and VoIP telephony.
	Browsing Acceleration*	Faster downloading and faster scrolling of images within web pages, and hence a faster overall browsing experience by compresses image data transferred to the thin client
	Multimedia Acceleration*	Results in faster and more responsive rendering of multimedia content
	Audio input (from the client to the server)	Ability to accept audio input and pass it to a server for processing
	Enhanced user interface for viewing and editing network settings and connection properties	End-users have a simple and easy way to view and edit their network settings and connection properties
RDP	Support for network printers on a Microsoft LAN	Ability to print from the thin client to a printer connected onto a LAN
	Enhanced user interface for viewing and editing network settings and connection properties	End-users have a simple and easy way to view and edit their network settings and connection properties
	Serial port mapping	Enables the use of a serial port attached to a thin client in a terminal services session (applies only to thin client models with serial ports)
	Enhanced responsiveness to end-user interactions with the system and with application software	Results in faster startup time and more responsiveness, especially when network bandwidth is limited (by disabling certain desktop options such as wallpaper and animations)
Other/Both	Support for touch screens from Elo and MicroTouch	Integrated driver support enabling touch screens to be connected to the thin client via either a serial or USB port
	USB hotsync with palm pilot and IPAQ handheld devices	Integrated driver support enabling Palm and PocketPC types of PDAs to be connected to the thin client and sync'd with the end-user's data, this includes the "OneBridge" sync for Palm PDAs
	Straightforward printer selection in either RDP or ICA sessions	Simple user interface that facilitates the selection of up to 4 printers found on a Microsoft network (all printers found are presented in a tree view)