



Wyse Thin OS

Wyse Thin OS-VDI Edition

Secure Simplicity for Thin Computing

The Wyse Thin OS is the most optimized solution for Citrix ICA (Presentation Server), Microsoft RDP (Terminal Services), VMware VDI, and Wyse EDV environments. This ultra-thin operating system boots in seconds, automatically updates itself, and delivers the administrative simplicity that IT needs. And, with an unpublished API, Wyse Thin OS is one of the most secure operating systems on the market.

Wyse Thin OS is ideal for departments and organizations that need support for Citrix ICA, Microsoft RDP, VMware VDI, or Wyse EDV environments. It delivers a fast boot time, virus and malware immunity, and outstanding performance in a thin-computing environment.

Wyse Thin OS offers the utmost security and protection from viruses and malicious software because the operating system does not have a publicly exposed API that can be exploited by hackers. Also, since Wyse Thin OS centrally stores and manages all data and applications, desktop devices store no data, further protecting sensitive information. Image management is automated via DHCP and FTP, while Wyse Device Manager (formerly Rapport) handles additional remote device management.

Wyse Thin OS-VDI Edition is designed and optimized for VMware Virtual Desktop Infrastructure (VDI) environments, adding awareness of and support for VDI-specific technologies, including connection brokers and secure HTTPS connections.

Wyse Thin OS requires a minimum of 32MB of RAM on any thin device. It is supported on the Wyse S10 and Wyse S10-VDI Edition thin clients.

Sold and Supported by:

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 Wyse Thin OS 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 micro-processors
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 connectivity	Connect to high-speed networks
No fans or disks	No motors results in lower power consumption, quiet operation, and ultra-high reliability (very high MTBF)
Wyse Device Manager software	Remote management including configuration, device health, reboot, and more
Small and compact unit	Readily fits into most any work-space, as well as "out of the way" mounting options
Three-year Buyer's Protection Plan	Assurance of reliability, availability, and performance, from the #1 thin computing vendor

About Wyse Thin Computing

Because Wyse thin clients have no moving parts, they deliver greater reliability, availability, and lower cost of ownership than other solutions. With no local storage, malware is dealt with at the server level, where it's easier to detect. There is also no way to remove information, so sensitive data stays on the server and remains compliant with privacy regulations.

Today our software makes it easy to manage, update, and even service any thin client from one central location. Additionally with solid-state technology, Wyse thin clients are nine times more reliable than PCs because there are no moving parts. And even if a device does fail, the data remains instantly available on the server.



(S10 shown with standard feet)



(S10 shown with optional vertical feet)

Wyse S10

The Wyse S10 is the smallest, most optimized thin client on the market. The functional and compact chassis has USB 2.0 plus serial ports, and fits unobtrusively on or under a desk, or can be easily mounted on a wall.

Wyse S10-VDI Edition

The Wyse S10-VDI Edition includes integrated connection-broker technologies that automatically find server-based desktop virtual machines. Connection brokers are currently available from Citrix, VMware, and others.

Hardware

Processor	AMD Geode GX	AMD Geode GX
Memory	32MB flash/64MB RAM	32MB flash/64MB RAM
I/O Peripheral Support	<ul style="list-style-type: none"> ▪ Enhanced USB keyboard with PS/2 mouse port and Windows keys (104 keys) ▪ PS/2 mouse included ▪ VGA-type video output (DB-15) ▪ One serial port ▪ Four USB 2.0 ports (2 on front, 2 on back) 	<ul style="list-style-type: none"> ▪ Enhanced USB keyboard with PS/2 mouse port and Windows keys (104 keys) ▪ PS/2 mouse included ▪ VGA-type video output (DB-15) ▪ One serial port ▪ Four USB 2.0 ports (2 on front, 2 on back)
Networking	<ul style="list-style-type: none"> ▪ 10/100 Base-T Fast Ethernet twisted pair (RJ-45) 	<ul style="list-style-type: none"> ▪ 10/100 Base-T Fast Ethernet twisted pair (RJ-45)
Display Support	<ul style="list-style-type: none"> ▪ VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate ▪ 16-bit/64K colors: 1280x1024@100Hz, 1600x1200@90Hz ▪ 24-bit/16.7M colors: 1280x1024@85Hz 	<ul style="list-style-type: none"> ▪ VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate ▪ 16-bit/64K colors: 1280x1024@100Hz, 1600x1200@90Hz ▪ 24-bit/16.7M colors: 1280x1024@85Hz
Audio	<ul style="list-style-type: none"> ▪ Output: 1/8-inch mini, full 16-bit stereo, 48KHz sample rate ▪ Input: 1/8-inch, 8-bit mini microphone 	<ul style="list-style-type: none"> ▪ Output: 1/8-inch mini, full 16-bit stereo, 48KHz sample rate ▪ Input: 1/8-inch, 8-bit mini microphone
Physical Characteristics:		
Height	1.38 inches (34mm)	1.38 inches (34mm)
Width	6.94 inches (177mm)	6.94 inches (177mm)
Depth	4.75 inches (121mm)	4.75 inches (121mm)
Shipping Weight	6 lbs. (2.7kg)	6 lbs. (2.7kg)
Mountings	Horizontal feet Optional vertical stand Optional VESA mounting bracket Built-in Kensington security slot (cable sold separately)	Horizontal feet Optional vertical stand Optional VESA mounting bracket Built-in Kensington security slot (cable sold separately)
Power	Worldwide auto-sensing 100-240 VAC, 50/60 Hz Average power usage with device connected to 1 keyboard, 1 PS/2 mouse, and 1 monitor: 5.6 Watt-hours	Worldwide auto-sensing 100-240 VAC, 50/60 Hz Average power usage with device connected to 1 keyboard, 1 PS/2 mouse, and 1 monitor: 5.6 Watt-hours
Regulatory Compliance:		
Ergonomics	German EKI-ITB 2000, ISO 9241-3/-8	German EKI-ITB 2000, ISO 9241-3/-8
Safety	cULus 60950, TÜV-GS, EN 60950	cULus 60950, TÜV-GS, EN 60950
RF Interference	FCC Class B, CE, VCCI, C-Tick	FCC Class B, CE, VCCI, C-Tick
Environmental	RoHS Compliant	RoHS Compliant
Warranty	Three-year limited warranty	Three-year limited warranty

Wyse Thin OS

Software

Features	Features	Use/Benefit
ICA	Basic ICA features and functionality	<ul style="list-style-type: none"> ■ Up to 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 ■ 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 Wyse Thin OS 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 Presentation Server.
	Browsing Acceleration	Faster downloading and faster scrolling of images within web pages, and hence a faster overall browsing experience by compressing image data transferred to the thin client
RDP	Audio input (from the client to the server)	Ability to accept audio input and pass it to a server for processing
	Support for network printers on a Microsoft LAN	Ability to print from the thin client to a printer connected onto a LAN
	Serial port mapping	Enables the use of a serial port attached to a thin client in a terminal services session
	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	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
	Support for touch screens from Elo	Integrated driver support enabling touch screens to be connected to the thin client via serial port
	USB sync with Palm and IPAQ PDAs	Integrated driver support enabling Palm and PocketPC types of PDAs to be connected to the thin client and synced with the end-user's data, via the OneBridge sync for Palm PDAs and ActiveSync for PocketPCs
	Straightforward printer selection in either RDP or ICA sessions	Simple user interface that facilitates the selection of up to four printers found on a Microsoft network (all printers found are presented in a tree view)
VDI	Support for industry-standard connection brokers	Ability to connect to server-based desktop virtual machines automatically via connection brokers from Citrix, VMware, and others.
	Support for secure HTTPS connection	Allows thin clients to connect through secure HTTPS links to server-based desktop virtual machines

WYSE THIN COMPUTING DEVICE FAMILY

Four operating system choices to best meet your needs.

WYSE THIN OS SIMPLE THIN DEVICES

When you need optimized performance for server-based applications in Citrix ICA (MetaFrame and Presentation Server) and Microsoft RDP (Terminal Services) VMware VDI, or Wyse EDV environments, you want the ultra-fast, Wyse Thin OS (formerly Blazer). These simple, highly optimized thin computers are carefully tailored for running ICA/RDP/VDI in thin computing environments with out-of-the-box, install-and-run simplicity.

WINDOWS CE POWERFUL THIN DEVICES

For those organizations who need to run a local browser and terminal emulation in addition to Citrix ICA, Microsoft RDP, and Sun SGD, we suggest the powerful, Wyse-enhanced Microsoft® Windows® CE operating system. The combination of operating system and firmware provides fast boot-up, increased virus immunity, local terminal emulation, and the ability to easily and rapidly switch between a PC-like desktop and connection manager dashboard. Additional benefits include peripheral and printer support, local web browsing, and local media player.

WYSE LINUX ADAPTABLE THIN DEVICES

For groups running Citrix ICA, Microsoft RDP, or Sun SGD, who also need a local browser, terminal emulation, and local open-source applications, our Linux 2.6-based Wyse V6 Linux is the ideal choice. These adaptable thin computers can be expanded with add-ons, have inherent virus immunity, local terminal emulation, and a simple connection manager dashboard. Additional benefits include peripheral and printer support, local web browsing, and local media player.

WINDOWS XPe FLEXIBLE THIN DEVICES

When you need a full version of Internet Explorer as a local browser, require specialty peripherals, or need the latest 32-bit Windows compatibility, Microsoft XPe is your best choice. These flexible, customizable, and robust thin computers can fit the most demanding business computing requirements. The units include local terminal emulation, browsing, and Windows Media Player. Additional benefits include peripheral and printer support and the ability to customize the unit to offer local load-and-go execution of Windows application software.

CONNECTIVITY, MOUNTING, AND PLACEMENT

All thin computers include a 10/100 BaseT Ethernet port, high-speed USB 2.0 ports, and a VGA monitor port. All Wyse thin computers also include an enhanced USB keyboard with PS/2 mouse port and Windows keys (104 keys).

The S and V class thin computers feature Wyse's innovative monorail attachment system that accommodates essentially any placement and mounting need. Feet are attached to the monorail enabling the units for vertical or horizontal placement on a workspace, and optional mounting brackets are available for out-of-the-way mounting such as on a wall, under a desk, on the back of a monitor. All other units have integrated feet, and mounting brackets are available where applicable.

WYSE INFRASTRUCTURE SOFTWARE

Wyse Device Manager software (formerly Rapport) maximizes the security, manageability, affordability, and reliability of your network by centrally controlling a world of intelligent devices—local and remote, wired and mobile, desktop and handheld. It simplifies IT management, reduces TCO, and improves ROI.

Wyse Streaming Manager software delivers your operating system and applications on demand. Wyse Streaming Manager software gives IT the ability to make stateless thin computers function just like PCs, but with the much simpler administration and management of thin computers.



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