



Wyse Linux 6.3

Adaptable Security and Flexibility for Thin Computing

Wyse Linux 6.3 delivers the flexibility to run Citrix ICA or Microsoft RDP, a local browser or terminal emulation, even local X Window applications. With expanded smart-card security and wireless networking options, Wyse Linux 6.3 is the ideal choice for secure and flexible thin computing.

Wyse Linux V6.3 is a powerful Linux-based operating system optimized for thin computing. It is ideal for organizations who want to run server-based Microsoft Windows applications, local Linux applications or distributed X Window applications. Wyse Linux 6.3 comes with Firefox 1.0.7 web browser to give you a more secure Internet experience. And it offers terminal emulation to give you the ability to run legacy applications.

Our free-seating capabilities allow people to log in to different thin computers without losing their desktop configuration. And Wyse designed our Linux to be modular, allowing you to add-on or remove features as necessary to improve your performance and cost advantages. It also offers a secure read-only file system that provides the highest protection against software corruption and virus attacks. The file system is compressed to maximize space for additional software applications.

New with Wyse Linux 6.3 are improved wireless support (including 802.11a/g/b) and authentication; better smart-card support and authentication; and enhanced localization, with double-byte Asian language support.

Wyse Linux 6.3 requires a minimum of 64MB of flash memory and 128MB of RAM on any thin device. It runs it on the Wyse S50, Wyse V50 and Wyse 5150 thin clients.

Sold and Supported by:

Features

Supports industry-standard wireless adapters

Supports LDAP and SMB Authentication through Pluggable Authentication Modules (PAM)

Supports PC/SC and CCID smart-card standards

Support for latest Citrix ICA client (version 9.0), including digital dictation for ICA

Includes Firefox 1.0.7 web browser

Updated X-Window System

Supports on-the-fly language switching and double-byte Asian language support

Simplified FTP imaging

PDA Sync Support

Supports local operation without server

Benefits

Connect wirelessly using fast wireless adapters available from third parties. Support for industry standards allows you to connect to wireless access points in enterprise environments using the most secure wireless protocols.

Provides easy wireless authentication of thin clients through Windows Server authentication (SMB) and LDAP.

Supports a wide range of industry standard smart card readers. Provides two-factor secure login through RDP sessions and ICA sessions.

Allows you to use the latest ICA features, including USB PDA Sync, Windows Key Passthrough, and NTLM Proxy Authentication. Also supports digital dictation in ICA sessions, so that users can record meeting notes via microphone.

Provides Internet access via the award-winning web browser. Protects from viruses, spyware, and pop-ups.

Supports X-Window System 6.8.2 to give you maximum compatibility for your applications.

Allows you to deploy Wyse Linux in more countries with more users. Supports Chinese, Japanese, and Korean language (through add-on coming soon), with the ability to switch languages without rebooting.

Allows faster and smoother upgrades, with single-reboot imaging.

Allows users to synchronize data with Windows CE and Palm PDAs.

Allows local storage of SSL certificates and terminal-emulation client settings, for easier deployment of kiosk-mode browser and terminal emulation-based solutions.

About Wyse Linux Thin Computers

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 computers 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.

Wyse S50



The Wyse S50 is the smallest, most advanced Linux-based thin computer 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 V50



The Wyse V50 includes a powerful CPU; optional smart card slot; CardBus/PCMCIA slot; plus serial, parallel, and USB ports. The Wyse V50 offers a broad range of mounting options for any work environment via its innovative monorail mounting system that allows the unit to be conveniently attached to a wall, desk, or in any space-constrained environment.

Hardware

Processor	AMD Geode GX	Via C3
I/O Peripheral Support	<ul style="list-style-type: none"> ▪ Enhanced PS/2 keyboard with 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 PS/2 keyboard with Windows keys (104 keys) ▪ PS/2 mouse included ▪ VGA-type video output (DB-15) ▪ Two serial ports ▪ One parallel port ▪ Three USB 2.0 ports ▪ CardBus/PCMCIA card slot ▪ Optional internal smart-card reader
Networking	<ul style="list-style-type: none"> ▪ 10/100 Base-T Fast Ethernet twisted pair (RJ-45) ▪ Optional USB Wi-Fi adapter 	<ul style="list-style-type: none"> ▪ 10/100 Base-T Fast Ethernet twisted pair (RJ-45) ▪ Optional USB Wi-Fi adapter ▪ Optional CardBus wireless adapter
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: <ul style="list-style-type: none"> 1280x1024@100Hz 1600x1200@90Hz ▪ 24-bit/16.7M colors: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 1280x1024@100Hz 1600x1200@85Hz ▪ 24-bit/16.7M colors: <ul style="list-style-type: none"> 1280x1024@100Hz
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 Width Depth Shipping Weight	1.38 inches (34mm) 6.94 inches (177mm) 4.75 inches (121mm) 6 lbs. (2.7kg)	7.9 inches (201mm) 1.8 inches (46mm) 7.1 inches (180mm) 8 lbs. (3.6kg)
Mountings	Horizontal feet Optional vertical stand Optional mounting bracket for installation on wall or below desk	Vertical foot Optional mounting bracket for installation on wall or below desk
Power	Worldwide auto-sensing 100-240v VAC, 50/60 Hz Average power usage with device connected to 1 keyboard, 1 PS/2 mouse, and 1 monitor: 5.6 Watts/hour	Worldwide auto-sensing 100-240v VAC, 50/60 Hz Average power usage with device connected to 1 keyboard, 1 PS/2 mouse, and 1 monitor: 17.2 Watts/hour
Regulatory Compliance: Ergonomics Safety RF Interference	German EKI-ITB 2000, ISO 9241-3/-8 cULus 60950, TÜV-GS, EN 60950 FCC Class B, CE, VCCI, C-Tick	German EKI-ITB 2000, ISO 9241-3/-8 cULus 60950, TÜV-GS, EN 60950 FCC Class B, CE, VCCI, C-Tick
Warranty	Three-year limited warranty	Three-year limited warranty

Wyse 5150SE



The Wyse 5150SE is a classic-sized thin client with USB and I/O legacy support. The Wyse 5150SE has the Flash memory and RAM to support demanding applications. The functional chassis has USB and legacy I/O ports and fits unobtrusively on or under a desk or can be easily mounted on a wall.

AMD Geode GX

- Enhanced PS/2 keyboard with Windows keys (104 keys)
- PS/2 mouse included
- VGA-type video output (DB-15)
- Two PS/2 ports
- Two serial ports
- 16C550-compatible up to 115.2K Baud
- Four USB 2.0 ports
- One parallel port
- Built-in Kensington security slot (cable sold separately)

- 10/100 Base-T Fast Ethernet twisted pair (RJ-45)
- Optional USB Wi-Fi adapter

- 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

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

8.12 inches (204mm)
2.25 inches (57mm)
6.3 inches (160mm)
12.5 lbs. (5.5kg)

Vertical foot
Optional mounting bracket for installation on wall or below desk

Worldwide auto-sensing 100-240v VAC, 50/60 Hz

German EKI-ITB 2000, ISO 9241-3/-8
cULus 60950, TÜV-GS, EN 60950
FCC Class B, CE, VCCI, C-Tick

Three-year limited warranty

Wyse Linux 6.3

Firmware Features

- Wyse-enhanced optimized Linux Kernel 2.6x
- Firefox browser standard
- X11R6 local window manager
- Compressed read-only file system
- NFS and Samba file system support
- LPR/LPD, Ghostscript and Samba print support for DeskJet and LaserJet
- Browser kiosk support with touch screen
- Citrix ICA 9.X
- RDP 5.1 compatible
- X11R6-compliant X-Windows
- XDMCP
- Terminal emulation with 60 terminal types

Server OS Compatibility/Support

- Citrix Metaframe
- UNIX/Linux servers
- Terminal Server Edition
- Windows 2000 Server
- Windows 2003 Server

Set-up and Configuration

- User interface
- Boot from local flash
- User interface languages:
 - U.S. English
 - French
 - German
 - Spanish
- Keyboard language support:
 - U.S. English
 - French
 - German
 - Spanish
 - U.K. English
 - 30 other languages included

Protocol Support

- NCP
- IP
- NFS
- NTP
- DHCP
- PXE
- SNMP
- SSH

Management

- Remote management, configuration, and upgrades through Wyse Device Manager
- Complete image upgrade
- Wake terminal remotely (Wake-on LAN)
- Terminal configuration (IP information, name, etc.)
- Remote screen shadowing of entire desktop (VNC)
- Asset management and Reporting

Wireless support

- WPA/802.11i
- WPA-2
- IEEE 802.1X
- Supports wireless adapters from:
 - Cisco
 - D-Link
 - Netgear

Software

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 and highly optimized thin clients 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 clients 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 clients 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 clients include a 10/100 BaseT Ethernet port, high-speed USB 2.0 ports, and a VGA monitor port. All Wyse thin clients also include an enhanced USB keyboard with PS/2 mouse port and Windows keys (104 keys), Wi-Fi wireless LAN support varies by unit, contact Wyse or your Wyse sales representative for information on adapter support for specific models.

The S and V class thin clients 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 personal computers, but with the much simpler administration and management of thin clients.



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