WYSE

Wyse Linux

Adaptable Security and Flexibility for Thin Computing

Wyse Linux 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 is the ideal choice for secure and flexible thin computing.

Wyse Linux 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 comes with the Firefox web browser to give you a 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 are improved wireless support (including 802.11a/g/b) and authentication; better smart-card support and authentication; and enhanced localization, with doublebyte Asian language support.

Wyse Linux requires a minimum of 64MB of flash memory and 128MB of RAM on any device. It runs on the Wyse S50, Wyse V50L and Wyse V50LE thin computers.

Features	Benefits
Wyse Linux 6.4	Performance-tuned Linux for thin computers.
Supports industry-standard wireless adapters	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.
Supports LDAP and SMB Authentication through Pluggable Authentication Modules (PAM)	Provides easy wireless authentication of thin computers through Windows Server authentication (SMB) and LDAP.
Supports PC/SC and CCID smart-card standards	Supports a wide range of industry standard smart card readers. Provides two-factor secure login through RDP sessions and ICA sessions.
Support for latest Citrix ICA client (version 10.x), including digital dictation for ICA	Allows you to use the latest ICA features, including Backup URL, Enhanced Proxy Detection, Trusted Server Configuration, and USB PDA Sync. Also suports digital dictation in ICA sessions, so that users can record meeting notes via microphone.
Seamless integration with a VDM2.0 environment	Allows you to connect directly to a VDM2.0 server through http or https and have the server push the INI configuration file.
Includes Firefox web browser	Provides Internet access via the award-winning web browser. Protects from viruses, spyware, and pop-ups.
Updated X-Window System	Supports X-Window System 6.8.2 to give you maximum compatibility for your applications.
Supports on-the-fly language switching and double-byte Asian language support	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.
Simplified FTP imaging	Allows faster and smoother upgrades, with single-reboot imaging.
Supports local operation without server	Allows local storage of SSL certificates and terminal-emulation client settings, for easier deployment of kiosk-mode browser and terminal emulation-based solutions.

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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 - CUPS, LPR/LPD, Ghostscript and Samba print support for DeskJet and LaserJet - Browser kiosk support with touch screen - Citrix ICA 10.X - RDP 5.1 compatible - X11R6-compliant X-Windows - XDMCP - Terminal emulation with 60 terminal types
Server OS Compatibility/Support	- Citrix XenApp (formerly Citrix Presentation Server) - UNIX/Linux servers - Terminal Server Edition - Windows Server 2000 - Windows Server 2003
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	- PPP - 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, WPA2, IEEE 802.1X - Supports wireless adapters from: Cisco, D-Link, Netgear - Internal WiFi WPA2 supplicant support: WEP40, WEP128, WPA-PSK, (TKIP), WPA2-PSK (AES-CCMP), WPA-EAP, WPA2-EAP, MS-CHAP-v2