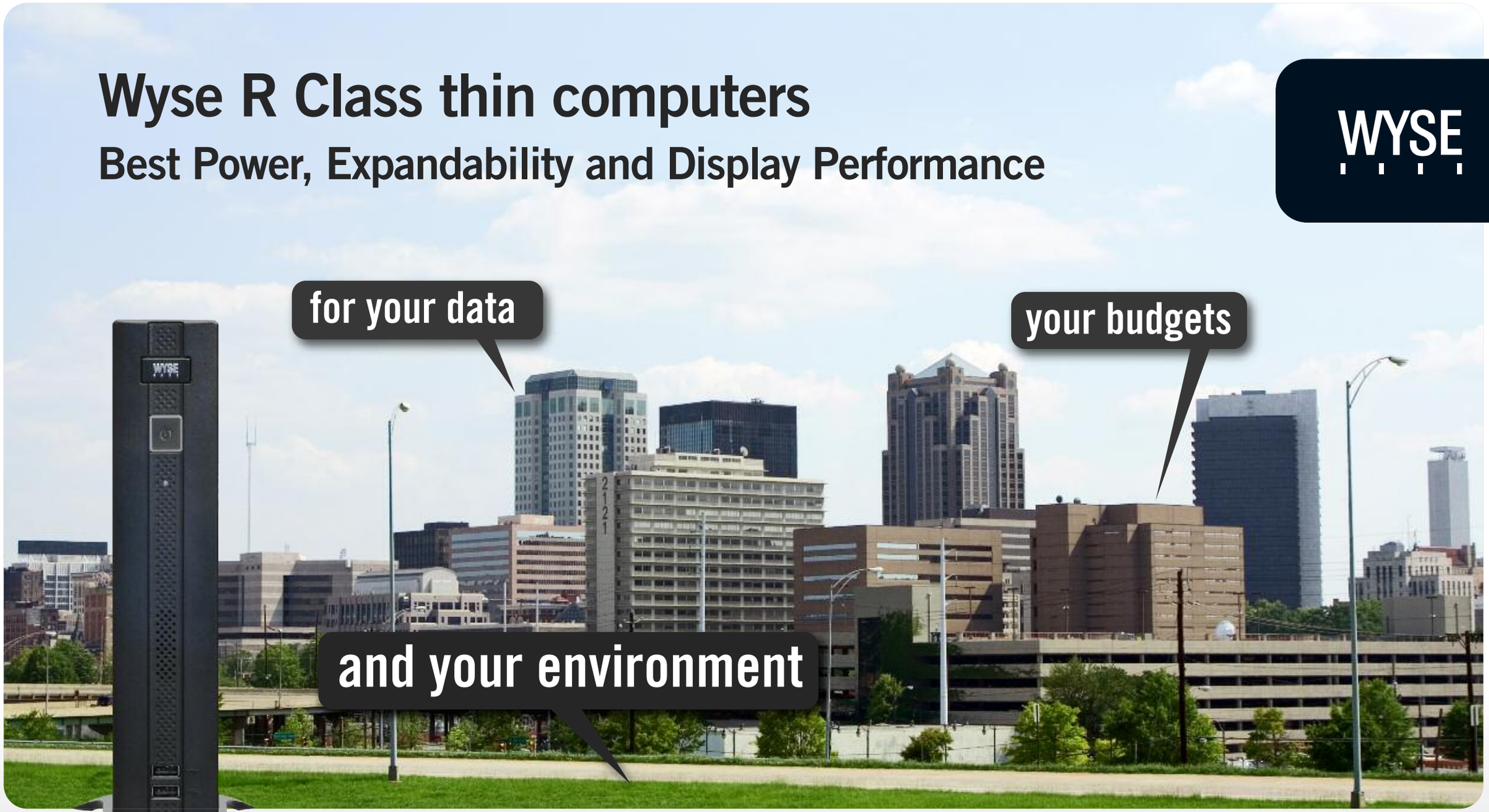
Wyse R Class thin computers

Best Power, Expandability and Display Performance

WYSE



Wyse R Class thin computers. All you need to know. Here

Introducing the Wyse R Class Thin Computers

The new Wyse R class thin computers cater for everything your users need from their desktop PCs. Without the things you don't. Like moving parts, wasted energy, insecure hard drives and excessive unnecessary heat.

Instead we've built in what matters the most to you: Powerful processors, dual monitor support, fast graphics and a host of USB ports for those vital everyday peripherals. Perfect when you need a client capable of voice, data, and video.

Wyse R00L
High Performance, slim form factor, Wyse WSM.

Wyse R50L
High Performance, slim form factor, SUSE Linux Enterprise.

Wyse R90L
High Performance, slim form factor, Windows XP embedded.

Wyse R00LE
Highest Performance, comprehensive expansion options, Wyse WSM.

Wyse R50LE
Highest Performance, comprehensive expansion options, SUSE Linux Enterprise.

Wyse R90LE
Highest Performance, comprehensive expansion options, Windows XP embedded.

Features

The new Wyse R Class Thin Computers

Created with power and performance in mind, the new Wyse R class joins the uniquely integrated range of Wyse Thin Computing hardware and software solutions.

The new Wyse R class features high performance central and graphics processors coupled with full support for multiple screens, and the best PC experience available on a thin computing platform with Wyse TCX Software.

Wyse Device Manager supports the Wyse R class with scalable enterprise-wide management including simple deployment, patching and updates and asset management - all with secure end-to-end encrypted communications.

Finally, each and every Wyse R class thin computer contributes – quietly and coolly – to lowering your organization's carbon footprint, with power usage and emissions that are a fraction of traditional PC desktops.

Learn more. Simply click these Wyse R class feature icons:

Performance

L Family Connectivity

LE Family Connectivity

Mounting Options

Green

Provisioning Software

Management Software

Virtualization Software

Wyse Enhanced Suse Linux

Windows XPe

Visit: wyse.com

Take a tour of the Wyse R class range features here

Performance

High Performing central and graphics processors

By employing the advanced ATI 690E chipset from AMD the Wyse RL/LE-family of thin computers provides the best graphics performance in their class. With a maximum resolution of up to 2560x1600 on a single display (RL-family) or two displays (RLE-family) these devices will support any high-end graphics application.

The Wyse RL/LE-family of thin computers is designed to support dual monitors with standard 1 DVI-I and 1 DVI-D ports. In addition, Wyse RL/LE family of thin computers includes support for Pixel Shader 2.0, and is Vista Ultimate with Premium Aero GUI compliant which will be a requirement for running some of the latest forthcoming technologies from Citrix, Microsoft and VMware.

AMD
Sempron Processor

The advanced technology contained in this CPU from AMD lowers power consumption without compromising superior performance.

- AMD64 Technology
- PowerNow! technology
- HyperTransport technology
- Built to support Microsoft® Windows® XPe, as well as Linux.

AMD ATI 690E
Vista Premium ready

The most powerful and highly optimized graphics engine in its class.

- Multiple display support
- Built-in support for Full DirectX 9.0
- 3D Acceleration Features
- Support for OpenGL
- Motion Video Acceleration Features (MPEG-2, MPEG-4 and WMV9)

Continue tour

R Class L-Family Connectivity

Wyse R00L, R50L & R90L thin computers

Well connected

Wi-Fi aerial connector for optional 802.11 b/g/n and Bluetooth 2.0 connectivity

Two Serial ports
Two PS/2 ports

One DVI-I Port
One DVI-D Port

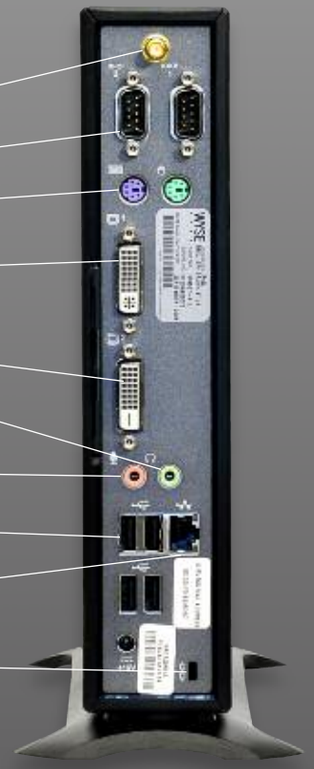
Audio Out: 1/8-inch mini, 16 bpp stereo
Internal mono speaker

Audio In: 1/8-inch mini,
8 bpp stereo microphone

Six External USB 2.0 ports
(2 front; 4 back)

10/100/1000 Base-T Gigabit Ethernet port

Kensington Lock Slot



Continue tour

R Class LE-Family Connectivity

Wyse R00LE, R50LE & R90LE thin computers

Well connected

Wi-Fi aerial connector for optional 802.11 b/g/n and Bluetooth 2.0 connectivity

One Parallel port

Two Serial ports

Two PS/2 ports

Kensington Lock Slot

One DVI-I Port

One DVI-D Port

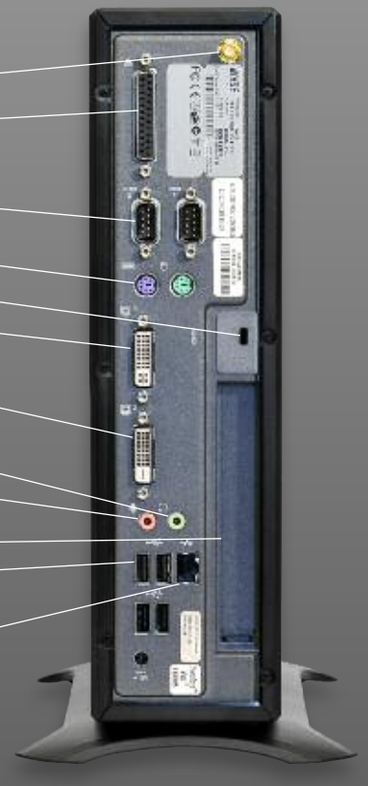
Audio Out: 1/8-inch mini, 16 bpp stereo
Internal mono speaker

Audio In: 1/8-inch mini, 8 bpp stereo microphone

One PCIe 1.1a x4 with x16 slot

Six External USB 2.0 ports
(2 front; 4 back)

10/100/1000 Base-T Gigabit Ethernet port



Continue tour

Mounting options

Vertical

- Wyse R class thin computers are supplied as standard with feet for vertical use.

Back of monitor or wall mounting

- An optional VESA mount bracket enables the Wyse R00L, R50L, and the R90L thin computers to be mounted on the back of a monitor (this requires the four industry standard mounting points to be free). The same bracket can be used for wall mounting, or in a secure or ruggedized cabinet if required.

Horizontal

- Optional feet enable Wyse R class thin computers to be used horizontally.

Continue tour

EarthSmart Computing™

Going Green with Wyse Thin Computing

Through our EarthSmart Computing initiative we are committed to helping organizations implement a greener computing strategy - one that delivers a more efficient and productive computing experience for your users with a positive effect on energy wastage, heat and carbon emissions.

Green Power

Wyse R class thin computers use between 12 and 15 watts of power in typical use. In comparison, a typical PC would use between 70 and 150 watts. Even in sleep mode R class units draw just 2 watts while being fully remotely managed.
Then, when you include additional power requirements in the data center, a thin computing deployment will deliver power savings of between 50 and 90%.

Continue tour

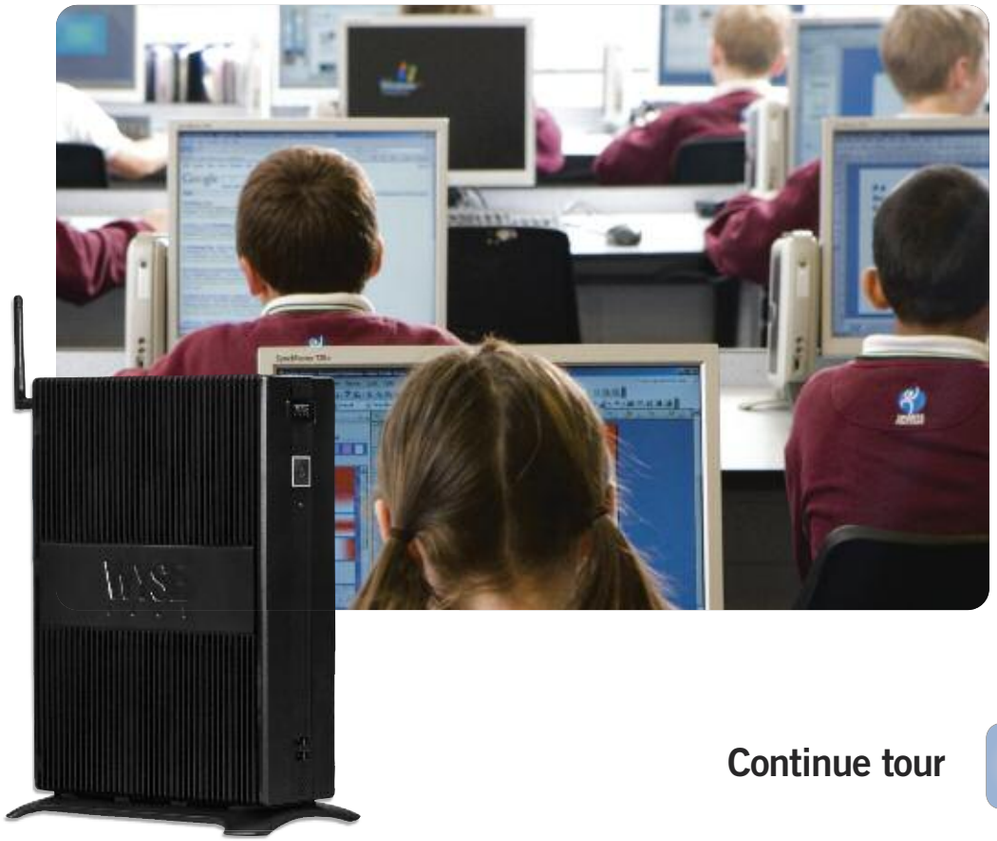
Provisioning Software
Wyse WSM

Wyse WSM - automated provisioning for thin computing

Wyse WSM delivers software on demand by using independent OS and Application Streaming to zero-clients - like the Wyse R00L and the Wyse R00LE. This approach enables applications that don't work properly in the server environment to be executed on the client, while retaining centralized storage, management and control. This gives IT the manageability they want from a thin-computing infrastructure and the ability to deliver full, rich operating systems like Windows XP Professional.

Wyse WSM eliminates the need for traditional client management tasks, such as firmware upgrades, and patching and delivering new functionality to clients. Patches are done one-time at the server, and automatically deployed by Wyse WSM to clients upon a re-boot. No scripts or scheduling needed.

With the flexibility to deploy applications independent of the operating system, Wyse WSM allows customers to standardize operating system images across their organization and deliver applications based on user roles and responsibilities. Administrators can also easily provision new applications or updates to existing applications without having to modify the operating system image.



Continue tour

Management Software
Wyse Device Manager

Thin computing remote management. Made easy

Wyse Device Manager (WDM) provides comprehensive, enterprise-wide management for Wyse R class thin computers. A licence for WDM Workgroup Edition is included with every R class thin computer. This may be upgraded to WDM Enterprise Edition for an additional charge. **Key features include:**

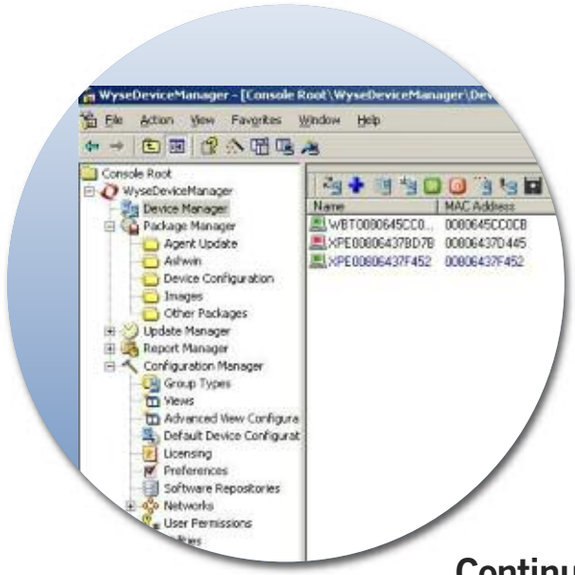
Security
- HTTPS Based Imaging / Updates
- Fully Encrypted Network Traffic
- Multi-user Admin Access (MS AD) Support

No-Hassle Deployment
- Complete Device Imaging / Patching / Updates
- Bandwidth Throttling for Efficiency / Reliability
- Software Updates and Add-ons

Device Administration and Monitoring
- Device Health Status / Reporting
- Remote Shadowing / Control
- Default Device Configuration

Scalability
- Distributed Architecture
- SQL / MSDE Support
- Multiple Remote Repository Support

Complete Asset Visibility
- Automated Discovery
- Detailed Hardware Asset information
- Installed Software Asset information.



Continue tour

Virtualization Software

Wyse TCX Software Suite with CPA (Collaborative Processing Architecture™)**

Wyse TCX Software Suite delivers an amazing user experience

TCX is Wyse's new software suite which enriches the user experience by removing previous limitations associated with thin clients. With Wyse TCX users receive the best PC experience available on a thin computing platform*. Wyse TCX software is sold separately.

Wyse TCX Multi-display

Ensures windows and dialog boxes behave in the way a user would expect when using more than one monitor.

Wyse TCX USB Virtualizer

Enables plug and play peripheral support for virtual desktop environments.

- Redirect and use local USB devices in virtual desktops.
- Deploy virtual desktops to knowledge workers with special device access needs.
- Enable a broad set of USB peripherals including webcams, headsets.

Wyse TCX Multimedia

Enables high performance multimedia for Citrix, Microsoft and VMware VDI environments.

- Accelerates Mpeg1, Mpeg2, WMV, Mpeg4 Part 2, AC3, AAC, MP3, WAV, WMA media types on ICA and RDP connections.
- CPA enhances server scalability by offloading multimedia rendering to the client.

Wyse TCX Rich Sound

Wyse TCX Rich Sound virtualization software enables virtual desktops and applications to receive and transmit high quality audio without compromise.

* At time of going to press, Wyse TCX Software Suite is not yet available for the R50L and R50LE thin computers running SUSE Linux Enterprise.

** For additional information on Collaborative Processing Architecture, please visit Wyse.com

Continue tour

Start | Models | Features | Technical | Print

Operating Systems

Wyse Enhanced SUSE Linux Enterprise

Wyse Enhanced SUSE Linux Enterprise is the industry's only enterprise-quality Linux operating system that combines the security, flexibility, and market-leading usability of SUSE Linux Enterprise from Novell with Wyse's thin computing optimizations in management and user experience.

The only enterprise-quality Linux
...that's optimized for thin computing

It is ideal for organizations who want to run server-based, web-based, or local applications (including legacy applications) without the deployment and security concerns of a non-standard Linux distribution.

Wyse Enhanced SUSE Linux Enterprise makes deploying Linux easier than any other thin-Linux distribution by allowing devices to auto-upgrade and be centrally configured without the need for management software—all that is needed is a simple FTP server and a single text-based configuration file. Should administrators desire asset tracking or more hands-on management, they can use Wyse Device Manager at no additional charge (Workgroup edition).

Additionally, with Wyse R50L & R50LE models and Wyse Enhanced SUSE Linux Enterprise, administrators can lock down applications, disable unnecessary configuration options, and provide read-only access capabilities to minimize data loss in case of theft, corruption, or virus attacks.

Continue tour

Start | Models | Features | Technical | Print

Operating Systems
Windows XPe

Running Microsoft Windows XPe on Wyse thin computing devices gives IT departments the ability to deploy fully functional desktop computers with better manageability and significantly lower total cost of ownership than personal computers.

Wyse Windows XPe-based thin computers can run 32 bpp Windows applications, either locally or from servers located on the network. Additionally, when you deploy Microsoft Windows XPe on thin computers, you get the most flexibility to add and support peripherals and other add-ons.

By combining this robust operating system with firmware components, Wyse is able to reduce boot times and increase protection against viruses, trojan horses, and other malware. Giving you a more secure solution with the flexibility to add standard peripherals. Peripherals can only be connected with permission from the IT administrator.

Built for the next generation of Windows XP Embedded, Wyse R90L and R90LE thin computers are ready to support Windows Embedded Standard, providing users with access to advanced features such as RDP 6.1, Network Access Protections (NAP), Silverlight, Media Player 11 and .NET Framework 3.5.

Take the tour again

Wyse Technology Inc.
3471 North First Street
San Jose, CA 95134-1801

Visit our website at:
http://www.wyse.com

Or send email to:
sales@wyse.com

Wyse Sales
800 GET WYSE
(800 438 9973)

Wyse Customer Service Center:
800 800 WYSE
(800 800 9973)

©2008 The Wyse logo and Wyse are trademarks of Wyse Technology Inc. Other product names mentioned herein are for identification purposes only and may be trademarks and/or registered trademarks of their respective companies. Specifications subject to change without notice. Some features require support by server operating system and protocol. 11/08

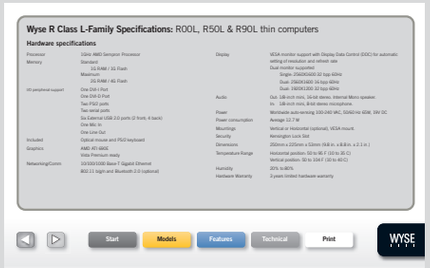
Technical

Wyse R Class Specifications

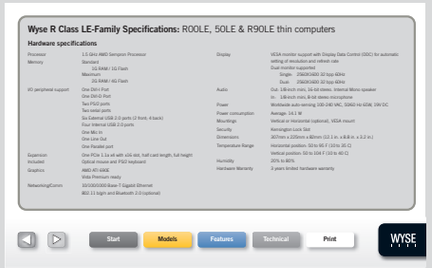
The Wyse R class family of thin computers is available in both L and LE configurations. Linux environments are catered for with Wyse Enhanced SUSE Linux. Windows environments are catered for with Windows XPe.

Learn more. Simply click the data sheets below:

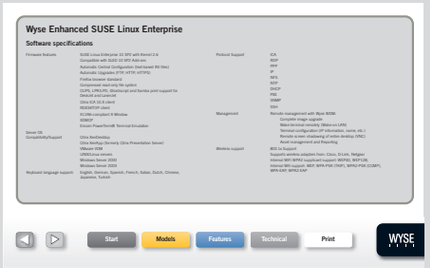
Wyse R00L, R50L, R90L Thin Computers



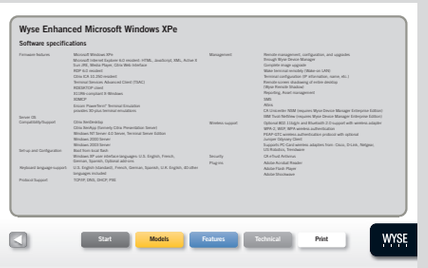
Wyse R00LE, R50LE, R90LE Thin Computers



Wyse Enhanced SUSE Linux Enterprise



Windows XPe



Visit: wyse.com

Wyse R Class L-Family Specifications: R00L, R50L & R90L thin computers

Hardware specifications

Processor	1GHz AMD Sempron Processor
Memory	Standard 1GB RAM / 1GB Flash Maximum 2GB RAM / 4GB Flash
I/O peripheral support	One DVI-I Port One DVI-D Port Two PS/2 ports Two serial ports Six External USB 2.0 ports (2 front; 4 back) One Mic In One Line Out
Included	Optical mouse and PS/2 keyboard
Graphics	AMD ATI 690E Vista Premium ready
Networking/Comm	10/100/1000 Base-T Gigabit Ethernet 802.11 b/g/n and Bluetooth 2.0 (optional)

Display	VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate Dual monitor supported Single: 2560X1600 32 bpp 60Hz Dual: 2560X1600 16 bpp 60Hz Dual: 1920X1200 32 bpp 60Hz
Audio	Out: 1/8-inch mini, 16 bpp stereo. Internal Mono speaker. In: 1/8-inch mini, 8 bpp stereo microphone.
Power	Worldwide auto-sensing 100-240 VAC, 50/60 Hz 65W, 19V DC
Power consumption	Average 12.7 W
Mountings	Vertical or Horizontal (optional), VESA mount.
Security	Kensington Lock Slot
Dimensions	250mm x 225mm x 53mm (9.8 in. x 8.8 in. x 2.1 in.)
Temperature Range	Horizontal position: 50 to 95 F (10 to 35 C) Vertical position: 50 to 104 F (10 to 40 C)
Humidity	20% to 80%
Hardware Warranty	3 years limited hardware warranty

Wyse R Class LE-Family Specifications: R00LE, 50LE & R90LE thin computers

Hardware specifications

Processor	1.5 GHz AMD Sempron Processor
Memory	Standard 1GB RAM / 1GB Flash Maximum 2GB RAM / 4GB Flash
I/O peripheral support	One DVI-I Port One DVI-D Port Two PS/2 ports Two serial ports Six External USB 2.0 ports (2 front; 4 back) Four Internal USB 2.0 ports One Mic In One Line Out One Parallel port
Expansion	One PCIe 1.1a x4 with x16 slot, half card length, full height
Included	Optical mouse and PS/2 keyboard
Graphics	AMD ATI 690E Vista Premium ready
Networking/Comm	10/100/1000 Base-T Gigabit Ethernet 802.11 b/g/n and Bluetooth 2.0 (optional)

Display	VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate Dual monitor supported Single: 2560X1600 32 bpp 60Hz Dual: 2560X1600 32 bpp 60Hz
Audio	Out: 1/8-inch mini, 16 bpp stereo. Internal Mono speaker In: 1/8-inch mini, 8 bpp stereo microphone
Power	Worldwide auto-sensing 100-240 VAC, 50/60 Hz 65W, 19V DC
Power consumption	Average: 14.1 W
Mountings	Vertical or Horizontal (optional), VESA mount
Security	Kensington Lock Slot
Dimensions	307mm x 225mm x 82mm (12.1 in. x 8.8 in. x 3.2 in.)
Temperature Range	Horizontal position: 50 to 95 F (10 to 35 C) Vertical position: 50 to 104 F (10 to 40 C)
Humidity	20% to 80%
Hardware Warranty	3 years limited hardware warranty

Wyse Enhanced SUSE Linux Enterprise

Software specifications

Firmware features	SUSE Linux Enterprise 10 SP2 with Kernel 2.6
	Compatible with SLED 10 SP2 Add-ons
	Automatic Central Configuration (text-based INI files)
	Automatic Upgrades (FTP, HTTP, HTTPS)
	Firefox browser standard
	Compressed read-only file system
	CUPS, LPR/LPD, Ghostscript and Samba print support for DeskJet and LaserJet
	Citrix ICA 10.X client
	RDESKTOP client
	X11R6-compliant X-Window
	XDMCP
	Ericom PowerTerm® Terminal Emulation
Server OS Compatibility/Support	Citrix XenDesktop
	Citrix XenApp (formerly Citrix Presentation Server)
	VMware VDM
	UNIX/Linux servers
	Windows Server 2000
	Windows Server 2003
Keyboard language support	English, German, Spanish, French, Italian, Dutch, Chinese, Japanese, Turkish

Protocol Support	ICA
	RDP
	PPP
	IP
	NFS
	NTP
	DHCP
	PXE
	SNMP
	SSH
Management	Remote management with Wyse WDM:
	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	802.1x Support
	Supports wireless adapters from: Cisco, D-Link, Netgear
	Internal Wi-Fi WPA2 supplicant support: WEP40, WEP128,
	Internal Wi-Fi support: WEP, WPA-PSK (TKIP), WPA2-PSK (CCMP), WPA-EAP, WPA2-EAP

Wyse Enhanced Microsoft Windows XPe

Software specifications

Firmware features	Microsoft Windows XPe
	Microsoft Internet Explorer 6.0 resident: HTML, JavaScript, XML, Active X Sun JRE, Media Player, Citrix Web Interface
	RDP 6.0 resident
	Citrix ICA 10.250 resident
	Terminal Services Advanced Client (TSAC)
	RDESKTOP client
	X11R6-compliant X-Windows
	XDMCP
	Ericom PowerTerm® Terminal Emulation provides 30-plus terminal emulations
Server OS Compatibility/Support	Citrix XenDesktop
	Citrix XenApp (formerly Citrix Presentation Server)
	Windows NT Server 4.0 Server, Terminal Server Edition
	Windows 2000 Server
	Windows 2003 Server
Set-up and Configuration	Boot from local flash
	Windows XP user interface languages: U.S. English, French, German, Spanish, Optional add-ons
Keyboard language support	U.S. English (standard), French, German, Spanish, U.K. English,
	40 other languages included
Protocol Support	TCP/IP, DNS, DHCP, PXE

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 (Wyse Remote Shadow)
	Reporting, Asset management
	SMS
	Altiris
	CA Unicenter NSM (requires Wyse Device Manager Enterprise Edition)
	IBM Tivoli NetView (requires Wyse Device Manager Enterprise Edition)
Wireless support	Optional 802.11b/g/n and Bluetooth 2.0 support with wireless adapter
	WPA-2, WEP, WPA wireless authentication
	PEAP-GTC wireless authentication protocol with optional Juniper Odyssey Client
	Supports PC-Card wireless adapters from: Cisco, D-Link, Netgear, US Robotics, Trendware
Security	CA eTrust Antivirus
Plug-ins	Adobe Acrobat Reader
	Adobe Flash Player
	Adobe Shockwave

Wyse R Class Thin Computers

Best Power, Expandability and Display Performance

Fact sheet

Introducing the Wyse R Class Thin Computers

The new Wyse R class thin computers cater for everything your users need from their desktop PCs. Without the things you don't. Like moving parts, wasted energy, insecure hard drives and excessive unnecessary heat.

Instead we've built in what matters the most to you: powerful processors, dual monitor support, fast graphics and a host of USB ports for those vital everyday peripherals. Perfect when you need a client capable of voice, data, and video.

Wyse R00L
High Performance, slim form factor, Wyse WSM

Wyse R00LE
Highest Performance, comprehensive expansion options, Wyse WSM.

Wyse R50L
High Performance, slim form factor, SUSE Linux Enterprise.

Wyse R50LE
Highest Performance, comprehensive expansion options, SUSE Linux Enterprise.

Wyse R90L
High Performance, slim form factor, Windows XP embedded.

Wyse R90LE
Highest Performance, comprehensive expansion options, Windows XP embedded.

Wyse R Class Thin Computers

Best Power, Expandability and Display Performance

Fact sheet

Features

Created with power and performance in mind, the new Wyse R class joins the uniquely integrated range of Wyse Thin Computing hardware and software solutions.

The new Wyse R class features high performance central and graphics processors, coupled with full support for multiple screens, and the best PC experience available on a thin computing platform with Wyse TCX Software.

Wyse Device Manager supports the Wyse R class with scalable enterprise-wide management including simple deployment, patching and updates and asset management - all with secure end-to-end encrypted communications.

Finally, each and every Wyse R class thin computer contributes – quietly and coolly – to lowering your organization's carbon footprint, with power usage and emissions that are a fraction of traditional PC desktops.

Performance

High Performing central and graphics processors

y employing the advanced ATI 690E chipset from AMD the Wyse RL/LE-family of thin computers provides the best graphics performance in their class. With a maximum resolution of up to 2560x1600 on a single display (RL-family) or two displays (RLE-family) these devices will support any high-end graphics application.

The Wyse RL/LE-family of thin computers is designed to support dual monitors with standard 1 DVI-I and 1 DVI-D ports. In addition, Wyse RL/LE family of thin computers includes support for Pixel Shader 2.0, and is Vista Ultimate with Premium Aero GUI compliant which will be a requirement for running some of the latest forthcoming technologies from Citrix, Microsoft and VMware.

AMD Sempron Processor

The advanced technology contained in this CPU from AMD lowers power consumption without compromising superior performance.

• AMD64 Technology

Wyse R Class Thin Computers

Best Power, Expandability and Display Performance

Fact sheet

- PowerNow! technology
- HyperTransport technology
- Built to support Microsoft® Windows® XPe, as well as Linux.

AMD ATI 690E

Vista Premium ready

The most powerful and highly optimized graphics engine in its class.

- Multiple display support
- Built-in support for Full DirectX 9.0
- 3D Acceleration Features
- Support for OpenGL
- Motion Video Acceleration Features (MPEG-2, MPEG-4 and WMV9)

Mounting options

Vertical

Wyse R class thin computers are supplied as standard with feet for vertical use.

Back of monitor or wall mounting

An optional VESA mount bracket enables the Wyse R00L, R50L, and the R90L thin computers to be mounted on the back of a monitor (this requires the four industry standard mounting points to be free). The same bracket can be used for wall mounting, or in a secure or ruggedized cabinet if required.

Horizontal

Optional feet enable Wyse R class thin computers to be used horizontally.

Wyse R Class Thin Computers

Best Power, Expandability and Display Performance

Fact sheet

EarthSmart

Going Green with Wyse Thin Computing

Through our EarthSmart Computing initiative we are committed to helping organisations implement a greener computing strategy - one that delivers a more efficient and productive computing experience for your users with a positive effect on energy wastage, heat and carbon emissions.

Green Power

Wyse R class thin computers use between 12 and 15 watts of power in typical use. In comparison, a typical PC would use between 70 and 150 watts. Even in sleep mode R class units draw just 2 watts while being fully remotely managed.

Then, when you include additional power requirements in the data center, a thin computing deployment will deliver power savings of between 50 and 90%.

Provisioning Software

Wyse WSM

Wyse WSM - automated provisioning for thin computing

Wyse WSM delivers software on demand by using independent OS and Application Streaming to zero-clients - like the Wyse R00L and the Wyse R00LE. This approach enables applications that don't work properly in the server environment to be executed on the client, while retaining centralized storage, management and control. This gives IT the manageability they want from a thin-computing infrastructure and the ability to deliver full, rich operating systems like Windows XP Professional.

Wyse WSM eliminates the need for traditional client management tasks, such as firmware upgrades, and patching and delivering new functionality to clients. Patches are done one-time at the server, and automatically deployed by Wyse WSM to clients upon a re-boot. No scripts or scheduling needed.

Wyse R Class Thin Computers

Best Power, Expandability and Display Performance

Fact sheet

With the flexibility to deploy applications independent of the operating system, Wyse WSM allows customers to standardize operating system images across their organization and deliver applications based on user roles and responsibilities. Administrators can also easily provision new applications or updates to existing applications without having to modify the operating system image.

Management Software

Wyse Device Manager

Thin computing remote management. Made easy

Wyse Device Manager (WDM) provides comprehensive, enterprise-wide management for Wyse R class thin computers.

A licence for WDM Workgroup Edition is included with every R class thin computer. This may be upgraded to WDM Enterprise Edition for an additional charge. Key features include:

Security

• HTTPS Based Imaging / Updates

• Fully Encrypted Network Traffic

• Multi-user Admin Access (MS AD) Support

No-Hassle Deployment

• Complete Device Imaging / Patching / Updates

• Bandwidth Throttling for Efficiency / Reliability

• Software Updates and Add-ons

Device Administration and Monitoring

• Device Health Status / Reporting

• Remote Shadowing / Control

Wyse R Class Thin Computers

Best Power, Expandability and Display Performance

Fact sheet

• Default Device Configuration

Scalability

• Distributed Architecture

• SQL / MSDE Support

• Multiple Remote Repository Support

Complete Asset Visibility

• Automated Discovery

• Detailed Hardware Asset information

• Installed Software Asset information.

Virtualization Software

Wyse TCX™ Software Suite with CPA (Collaborative Processing Architecture™)**

Wyse TCX Software Suite delivers an amazing user experience

TCX is Wyse's new software suite which enriches the user experience by removing previous limitations associated with thin clients. With Wyse TCX users receive the best PC experience available on a thin computing platform*. Wyse TCX software is sold separately.

*At time of going to press, Wyse TCX Software Suite is not yet available for the R50L and R50LE thin computers running SUSE Linux Enterprise.

** For additional information on Collaborative Processing Architecture, please visit Wyse.com

Wyse TCX Multi-display

Ensures windows and dialog boxes behave in the way a user would expect when using more than one monitor.

Wyse TCX USB Virtualizer

Enables plug and play peripheral support for virtual desktop environments.

• Redirect and use local USB devices in virtual desktops.

• Deploy virtual desktops to knowledge workers with special device access needs.

Wyse R Class Thin Computers

Best Power, Expandability and Display Performance

Fact sheet

• Enable a broad set of USB peripherals including webcams, headsets.

Wyse TCX Multimedia

Enables high performance multimedia for Citrix, Microsoft and VMware VDI environments.

• Accelerates Mpeg1, Mpeg2, WMV, Mpeg4 Part 2, AC3, AAC, MP3, WAV, WMA media types on ICA and RDP connections.

• CPA enhances server scalability by offloading multimedia rendering to the client.

Wyse TCX Rich Sound

Wyse TCX Rich Sound virtualization software enables virtual desktops and applications to receive and transmit high quality audio without compromise.

Operating Systems

Wyse Enhanced SUSE Linux Enterprise

Wyse Enhanced SUSE Linux Enterprise is the industry's only enterprise-quality Linux operating system that combines the security, flexibility, and market-leading usability of SUSE Linux Enterprise from Novell with Wyse's thin computing optimizations in management and user experience.

It is ideal for organizations who want to run server-based, web-based, or local applications (including legacy applications) without the deployment and security concerns of a non-standard Linux distribution.

Wyse Enhanced SUSE Linux Enterprise makes deploying Linux easier than any other thin-Linux distribution by allowing devices to auto-upgrade and be centrally configured without the need for management software—all that is needed is a simple FTP server and a single text-based configuration file. Should administrators desire asset tracking or more hands-on management, they can use Wyse Device Manager at no additional charge (Workgroup edition).

Wyse R Class Thin Computers

Best Power, Expandability and Display Performance

Fact sheet

Additionally, with Wyse R50L & R50LE models and Wyse Enhanced SUSE Linux Enterprise, administrators can lock down applications, disable unnecessary configuration options, and provide read-only access capabilities to minimize data loss in case of theft, corruption, or virus attacks.

Operating Systems

Windows XPe

Running Microsoft Windows XPe on Wyse thin computing devices gives IT departments the ability to deploy fully functional desktop computers with better manageability and significantly lower total cost of ownership than personal computers.

Wyse Windows XPe-based thin computers can run 32 bpp Windows applications, either locally or from servers located on the network. Additionally, when you deploy Microsoft Windows XPe on thin computers, you get the most flexibility to add and support peripherals and other add-ons.

By combining this robust operating system with firmware componets, Wyse is able to reduce boot times and increase protection against viruses, trojan horses, and other malware. Giving you a more secure solution with the flexibility to add standard peripherals. Peripherals can only be connected with permission from the IT administrator.

Built for the next generation of Windows XP Embedded, Wyse R90L and R90LE thin computers are ready to support Windows Embedded Standard, providing users with access to advanced features such as RDP 6.1, Network Access Protections (NAP), Silverlight, Media Player 11 and .NET Framework 3.5.

Wyse R Class Thin Computers

Best Power, Expandability and Display Performance

Fact sheet

Hardware Specifications

Wyse R Class L-Family Specifications: R00L, R50L & R90L thin computers

Processor	1GHz AMD Sempron Processor
Memory	Standard
	1GB RAM / 1GB Flash
	Maximum
	2GB RAM / 4GB Flash
I/O peripheral support	
	One DVI-I Port
	One DVI-D Port
	Two PS/2 ports
	Two serial ports
	Six External USB 2.0 ports (2 front; 4 back)
	One Mic In
	One Line Out
Included	Optical mouse and PS/2 keyboard
Graphics	AMD ATI 690E
	Vista Premium ready
Networking/Comm	10/100/1000 Base-T Gigabit Ethernet
	802.11 b/g/n and Bluetooth 2.0 (optional)
Display	VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate
	Dual monitor supported
	Single: 2560X1600 32 bpp 60Hz
	Dual: 2560X1600 16 bpp 60Hz
	Dual: 1920X1200 32 bpp 60Hz
Audio	Out: 1/8-inch mini, 16 bpp stereo. Internal Mono speaker.
	In: 1/8-inch mini, 8 bpp stereo microphone.

Wyse R Class Thin Computers

Best Power, Expandability and Display Performance

Fact sheet

Power	Worldwide auto-sensing 100-240 VAC, 50/60 Hz 65W, 19V DC
Power consumption	Average 12.7 W
Mountings	Vertical or Horizontal (optional), VESA mount.
Security	Kensington Lock Slot
Dimensions	250mm x 225mm x 53mm (9.8 in. x 8.8 in. x 2.1 in.)
Temperature Range	Horizontal position: 50 to 95 F (10 to 35 C)
	Vertical position: 50 to 104 F (10 to 40 C)
Humidity	20% to 80%
Hardware Warranty	3 years limited hardware warranty

Hardware Specifications

Wyse R Class LE-Family Specifications: R00L, 50LE & R90LE thin computers

Processor	1.5 GHz AMD Sempron Processor
Memory	Standard
	1GB RAM / 1GB Flash
	Maximum
	2GB RAM / 4GB Flash
I/O peripheral support	
	One DVI-I Port
	One DVI-D Port
	Two PS/2 ports
	Two serial ports
	Six External USB 2.0 ports (2 front; 4 back)
	One Mic In
	One Line Out
	One Parallel port
Expansion	One PCIe 1.1a x4 with x16 slot, half card length, full height
Included	Optical mouse and PS/2 keyboard

Wyse R Class Thin Computers

Best Power, Expandability and Display Performance

Fact sheet

Graphics	AMD ATI 690E
	Vista Premium ready
Networking/Comm	10/100/1000 Base-T Gigabit Ethernet
	802.11 b/g/n and Bluetooth 2.0 (optional)
Display	VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate
	Dual monitor supported
	Single: 2560X1600 bpp 60Hz
	Dual: 2560X1600 32 bbp 60Hz
Audio	Out: 1/8-inch mini, 16 bpp stereo. Internal Mono speaker.
	In: 1/8-inch mini, 8 bpp stereo microphone.
Power	Worldwide auto-sensing 100-240 VAC, 50/60 Hz 65W, 19V DC
Power consumption	Average: 14.1 W
Mountings	Vertical or Horizontal (optional), VESA mount.
Security	Kensington Lock Slot
Dimensions	307mm x 225mm x 82mm (12.1 in. x 8.8 in. x 3.2 in.)
Temperature Range	Horizontal position: 50 to 95 F (10 to 35 C)
	Vertical position: 50 to 104 F (10 to 40 C)
Humidity	20% to 80%
Hardware Warranty	3 years limited hardware warranty

Wyse R Class Thin Computers

Best Power, Expandability and Display Performance

Fact sheet

Software Specifications

Wyse Enhanced SUSE Linux Enterprise

Firmware features

SUSE Linux Enterprise 10 SP2 with Kernel 2.6

Compatible with SLED 10 SP2 Add-ons

Automatic Central Configuration (text-based INI files)

Automatic Upgrades (FTP, HTTP, HTTPS)

Firefox browser standard

Compressed read-only file system

CUPS, LPR/LPD, Ghostscript and Samba print support for DeskJet and LaserJet

Citrix ICA 10.X client

RDESKTOP client

X11R6-compliant X-Window

XDMCP

Ericom PowerTerm® Terminal Emulation

Server OS

Compatibility/Support

Citrix XenDesktop

Citrix XenApp (formerly Citrix Presentation Server)

VMware VDM

UNIX/Linux servers

Windows Server 2000

Windows Server 2003

Keyboard language support:

English, German, Spanish, French, Italian, Dutch, Chinese, Japanese, Turkish

Wyse R Class Thin Computers

Best Power, Expandability and Display Performance

Fact sheet

Protocol Support

ICA

RDP

PPP

IP

NFS

NTP

DHCP

PXE

SNMP

SSH

Management

Remote management with Wyse WDM:

- 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

802.1x Support

Supports wireless adapters from: Cisco, D-Link, Netgear

Internal Wi-Fi WPA2 supplicant support: WEP40, WEP128,

Internal Wi-Fi support: WEP, WPA-PSK (TKIP), WPA2-PSK (CCMP),

WPA-EAP, WPA2-EAP

Wyse R Class Thin Computers

Best Power, Expandability and Display Performance

Fact sheet

Software Specifications

Wyse Enhanced Microsoft Windows XPe

Firmware features

Microsoft Windows XPe

Microsoft Internet Explorer 6.0 resident: HTML, JavaScript, XML, Active X Sun JRE, Media Player, Citrix Web Interface

RDP 6.0 resident

Citrix ICA 10.250 resident

Terminal Services Advanced Client (TSAC)

RDESKTOP client

X11R6-compliant X-Windows

XDMCP

Ericom PowerTerm® Terminal Emulation

provides 30-plus terminal emulations

Server OS

Compatibility/Support

Citrix XenDesktop

Citrix XenApp (formerly Citrix Presentation Server)

Windows NT Server 4.0 Server, Terminal Server Edition

Windows 2000 Server

Windows 2003 Server

Set-up and Configuration

Boot from local flash

Windows XP user interface languages: U.S. English, French, German, Spanish, Optional add-ons

Wyse R Class Thin Computers

Best Power, Expandability and Display Performance

Fact sheet

Keyboard language support

U.S. English (standard), French, German, Spanish, U.K. English, 40 other languages included

Protocol Support

TCP/IP, DNS, DHCP, PXE

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 (Wyse Remote Shadow)
Reporting, Asset management
SMS
Altiris
CA Unicenter NSM (requires Wyse Device Manager Enterprise Edition)
IBM Tivoli NetView (requires Wyse Device Manager Enterprise Edition)

Wireless support

Optional 802.11b/g/n and Bluetooth 2.0 support with wireless adapter
WPA-2, WEP, WPA wireless authentication
PEAP-GTC wireless authentication protocol with optional Juniper Odyssey Client
Supports PC-Card wireless adapters from: Cisco, D-Link, Netgear, US Robotics, Trendware

Wyse R Class Thin Computers

Best Power, Expandability and Display Performance

Fact sheet

Security CA eTrust Antivirus

Plug-ins Adobe Acrobat Reader
Adobe Flash Player
Adobe Shockwave

Wyse Technology Inc.
3471 North First Street
San Jose, CA 95134-1801

Visit our website at:
http://www.wyse.com
Or send email to:
sales@wyse.com

Wyse Sales
800 GET WYSE
(800 438 9973

Wyse Customer
Service Center:
800 800 WYSE
(800 800 9973)

©2008 The Wyse logo and Wyse are trademarks of Wyse Technology Inc. Other product names mentioned herein are for identification purposes only and may be trademarks and/or registered trademarks of their respective companies. Specifications subject to change without notice. Some features require support by server operating system and protocol. 11/08