Wyse® C class™ cloud clients









Small size. Big performance.

Wyse C class: Your desktop just got bigger.



Introducing the Wyse C class cloud clients

Meet the Wyse C class. Combining small size and excellent performance, it sets a new benchmark in cloud client computing.

Seven models are available featuring:

Wyse ThinOS™, Microsoft Windows CE, SUSE Linux Enterprise, Microsoft Windows XP Embedded, Windows Embedded Standard 2009 and Windows Embedded Standard 7 operating systems - and Wyse WSM.















Wyse C10LE™

Featuring the blisteringly fast Wyse ThinOS designed for high security environments.



Wyse C30LE™

Windows CE 6 -

componentized

system for small

footprint devices.

real-time operating

Microsoft's

Wyse C50LE™

Flexibility and security in an easy to manage platform.



Windows XP Embedded - runs thousands of existing Windows applications and drivers.

Wyse C90LEW™

Take advantage of the power of Microsoft Windows Embedded Standard 2009.

Wyse C90LE7[™]

Harnesses the rich user experience of Microsoft Windows Embedded Standard 7.

Wyse COOLE™

A cloud PC with no local operating system. Used with Wyse WSM provisioning software for a PC experience on a thin desktop.







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Features Wyse C class

Compact. Clever. Capable.

Creating highly productive, fully functional and compact cloud client computing desktops has never been easier. Wyse C class features full support for the Wyse TCX™ Suite of virtualization software - that includes multiple display support, multimedia & Flash playback, rich audio and USB peripheral connectivity - and Wyse WSM[™] cloud PC provisioning software delivering a full PC experience.

Performance



Microsoft **ThinOS**



Wyse

Windows CE

Wyse C class

Connectivity



Mounting **Options**



Wyse Enhanced **SÚSE Linux** Entreprise



Green



Microsoft Windows XP Embedded



Cool performance. Cooler workspaces.

Designing these levels of high processing and graphics performance into such a compact space hasn't been at the expense of energy consumption and heat emissions either. Each Wyse C class draws under 7 watts of power – creating cooler working environments – in every respect.

Learn more: Simply click the Wyse C class feature icons below:

Cloud PC **Provisioning**



Microsoft Windows **Embedded Standard** 2009



Thin Client Management



Microsoft Windows Embedded Standard 7



User Experience Optimization



User Experience Acceleration



Visit: wyse.com



Take a tour of the Wyse C class range features here





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Inside every compact, Wyse C class lies a punchy VIA C7 1 GHz processor and an advanced hardware media accelerator delivering rich multimedia and video playback up to 1080p HD resolution.

Outside, you'll find advanced DVI-I display connectivity for one or two displays, four free USB 2.0 ports, PS/2 ports for keyboard and mouse, gigabit Ethernet and optional WiFi (b/g/n)* support. Wyse C class supports the Wyse TCX software suite of user-experience enhancements and Wyse WSM cloud PC provisioning software.

VIA C7 1 GHz processor

plus advanced best performance per watt hardware media accelerator



*Wyse C10LE supports 802.11 b/g only.







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Wyse C class Family connectivity

Wyse C10LE, C30LE, C50LE, C90LE, C90LEW, C90LE7 thin clients and C00LE cloud PC











Technical



Mounting options

Fits around you.

On the desk or out of sight; Wyse C class fits around you. Every Wyse C class includes a monorail mount that lets you choose how and where to fit it: horizontally, vertically, directly to walls, under desks ... and even fitted discretely to the rear of standard desktop displays.



Desktop

• Sturdy feet for simple horizontal desktop installation.



Back of monitor or wall mounting

• An optional VESA mount bracket enables mounting to the rear of a monitor (this requires the four industry standard mounting points to be free). The same bracket can be used for wall mounting.







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Desktop computing Without compromise



Going Green with Wyse Cloud Client Computing™

Every Wyse C class model is EnergyStar certified, a recognized sign of energy efficiency. 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

Each fanless Wyse C class cloud client draws just under 7 watts* of power and creates very little heat as a result - contributing to cooler, quieter user work environments, a greatly reduced carbon footprint and huge savings in energy costs when compared to equivalent PC desktops.

Learn more

Download carbon calculators, fact sheets and white papers from here: **www.wyse.com/green**

*Average power usage with device connected to 1 keyboard, 1 PS/2 mouse, and 1 monitor.









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Cloud PC Provisioning Wyse WSM







Enterprise computing from the cloud is here. Whatever you want. Wherever you need it.

That's the thinking behind Wyse WSM. It's a dynamic on-demand streamed computing environment where everyone gets their preferred operating systems, applications, user data and documents: Wherever they are and whenever they need them.

And Wyse WSM goes beyond the traditional VDI model too - with full support for mobile workers and remote branch offices. Wyse WSM effectively changes the rules on what's possible and opens up the benefits of high performance desktops to enterprise users: Wherever they are.

Better than a PC could ever be.

With Wyse WSM users - such as those in the financial or retail industries - are given a fresh computer with their chosen PC operating system, applications and files all preloaded and ready-to-go, every time they sit down and start-up their powerful desktop devices known as Wyse 'cloud PCs'.

Wyse cloud PCs feature powerful processors that enable them to run full PC operating systems and applications locally, while keeping their documents and data secure on central Wyse WSM servers. Enabling existing PC users to continue to use all their familiar operating systems and applications seamlessly - but with greater reliability and better overall performance than a full PC - with the result that many users don't even realize they're using a cloud PC.

And - better still, Wyse WSM features a highly secure, robust and resilient network design that's ideal for remote offices and mission critical deployments such as the defence industry.

With everything managed, updated, configured remotely and securely, Wyse WSM is everything a PC promises. Minus the headaches.

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Thin Client Management Wyse Device Manager

Wyse Device Manager (WDM) addresses key management requirements for deploying powerful thin clients. With its centralized management and administration WDM helps IT departments deliver more effective remote thin client support while minimizing end user downtime. Security is assured with HTTPS based imaging, updates and downloads.

WDM delivers organization-wide benefits:

Operations Centralized management.

Collect and organize asset information.

Administration Health status reports.

Automated client settings.

Update client firmware and add applications.

End User IT Costs Easier more effective remote support.

Create custom scripts and packages.

Minimize downtime Restart or reset thin clients in less than a minute

Enforce policies. Minimize user errors.

At a glance features:

Security

- HTTPS Based Imaging / Updates
- Fully Encrypted Network Traffic
- Delegated 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
- Microsoft SQL Database Support
- Multiple Remote Repository Support

Complete Asset Visibility

- Automated device discovery
- Detailed Hardware Asset information
- Installed Software Asset information.









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User Experience Optimization Wyse TCX™ Suite with Collaborative Processing Architecture™

Wyse TCX delivers an amazing user experience in one software suite.

Wyse TCX Suite of virtualization software enriches the user experience by removing the limitations previously associated with thin clients. It enhances, not replaces, key protocols like ICA/HDX and RDP by adding key features to make each more valuable.



Multi-display

Ensures application windows and dialog boxes are multi-monitor aware when using more than one monitor.



USB Virtualization

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 and headsets.



Multimedia acceleration

Streamlines the delivery of video and audio content to the local client for a rich user experience within a thin client computing architecture.

- Accelerates Mpeg1, Mpeg2, WMV, Mpeg4 Part 2, AC3, AAC, MP3, WAV, WMA media types.
- Collaborative Processing Architecture enhances server scalability, and network utilization by off-loading multimedia rendering to the client.



Flash acceleration

Flash acceleration helps thin client users to experience improved Flash video performance. While the Flash player continues to run server-side, the resulting images are transcoded and redirected to the client for fast rendering. The technology allows for greater control of frame rate and compression and supports enhanced playback of YouTube-style flash videos in Internet Explorer.



Bi-directional sound

Enables bi-directional audio in virtual desktop environments, enabling solutions such as VOIP, digital dictation or voice recognition to be deployed.

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Virtualization Software Wyse Virtual Desktop Accelerator

Removing the barriers of network latency

Wyse Virtual Desktop Accelerator (VDA) enables virtualized desktop and thin computing environments to be deployed to areas where network latency has, to date, presented operational barriers. Now, with Wyse VDA, more users can receive the full benefits of Wyse thin computing – with the best PC experience over virtualized desktops.

> Wyse VDA is a software-only solution for Wyse thin clients and supported PCs that delivers the best user experience for the allocated network bandwidth by neutralizing the effects of network latency and

> > packet loss. Making 'thin' suitable for more

remote-site, branch, or field-based users. Wyse VDA works with instead of replacing existing RDP and ICA protocols, accelerating them by up to 20 times on networks faced with latencies up to and beyond 300ms, and at least 768kbps bandwidth.

At a glance features:

- Software-only acceleration of virtual desktops and applications
- Accelerates existing Citrix ICA and Microsoft RDP protocols
- Works on WANs and 'fat, long pipes'
- Accelerates connections to Citrix XenApp, Citrix XenDesktop, VMware View and Microsoft Terminal Server and Microsoft Hyper-V VDI
- Enhances Wyse TCX software suite functionality across wide-area networks
- Enables Wyse Collaborative Processing Architecture across wide-area networks
- Administrator console provides control of maximum bandwidth per connection
- Leverages built-in security of underlying protocols (128-bit encryption for RDP and ICA).

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Operating Systems Wyse ThinOS 7

Wyse ThinOS is the most secure, management-free solution for cloud and virtual computing environments with built-in support for the latest infrastructures including Citrix, Microsoft, VMware and other vendors.

Fast. Simple. Secure

This fast, purpose-built thin computing platform boots up in seconds, updates itself automatically, and provides IT managers with simple, scalable administration to suit their organization's needs. Security is assured too as there's no published API – giving you an environment that's immune from malware.

Management is simple with time consuming tasks such as software and configuration updates automated via central file servers (ftp, http, and https) where Wyse thin clients can check-in for their updates. So, whether you have 10, 100 ...or 1000 devices, rolling out a new update is as easy as dropping a file onto your file server.

New Zero Launchpad optimizes Virtual Desktop Deployments

By harnessing the power of the new Wyse Zero engine, Wyse ThinOS delivers fast and secure desktops with user experiences based an individual's access levels.

Logging on is fast and easy too with no double desktop dramas. There's just one screen for inputting their credentials before users are immediately presented with their assigned desktop(s).

Finally, the new Wyse Zero toolbar gives advanced users the option to switch between multiple virtual desktops or modify local settings (i.e. display resolution)—all without leaving their virtual desktop environment.

Wyse ThinOS delivers a wealth of innovative, user-oriented and productive features:

Instant-on, simple access for users

- New Zero launchpad and Zero toolbar adapt to provide simple and advanced access depending on user privileges.
- With class-leading boot-up times, users are ready to login in seconds.

Automated Management

- Wyse ThinOS enables simple, scalable device management from day one without the need for basic management software.
- For more in depth management Wyse ThinOS features complete integration with Wyse Device Manager.

Security

- Featuring an unpublished API and no file system, Wyse ThinOS is inherently secure providing maximum security from malware and viruses.
- Secure remote access using Citrix Access Gateway (CSG mode) or VMware Security Server, including dual authentication with RSA SecureID.

Best HDX and RDP in a non-windows client

- Support for latest HDX features including multimedia playback, USB webcam remoting, new audio codecs for VoIP, dual factor authentication, etc.
- Wyse is the only vendor with an RDP 7 compatible client on non-windows OS other vendors use RDESKTOP (based on RDP 5.x)
- ICA and RDP performance outperforms other non-windows clients by 3x (on comparable hardware).
- Enhance existing protocols further with Wyse TCX (i.e. Multicasting, high latency support, USB on terminal server, etc)

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Operating Systems Microsoft Windows CE

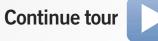
Wyse-enhanced Microsoft Windows CE is ideal for departments and organizations that want a Microsoft end-to-end solution, and support for Citrix ICA, Microsoft RDP and VMware View as well as a local browser and terminal emulation, plus standard connections to peripherals and add-ons.

Microsoft Windows CE gives you a PC-like experience on the desktop, with local terminal emulation so you can run most legacy applications.



By combining this small and fast operating system with firmware components, Wyse is able to reduce boot times and increase protection against viruses, trojan horses, and other malware.

The result is a simply more secure solution that provides the flexibility to add standard peripherals, from printers to scanners to USB thumb drives. However these peripherals can only be connected under access controlled by the IT administrator.







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Operating Systems SUSE Linux Enterprise Thin Client

Wyse Enhanced SUSE Linux Enterprise Thin Client (SLETC) is a simple, secure, and easy to manage platform designed for customers looking for flexibility and support of the latest protocols (ICA, PCoIP, RDP, etc) without the need for a Windows-based thin client.

Thin-Linux for the Enterprise

Wyse Enhanced SLETC is not a 'home-brew' Linux. In fact, it's the industry's only enterprise-quality Linux platform, created by combining the security and flexibility of Novell's SUSE Linux with Wyse's cloud client computing leadership and innovation in



user experience and simplified management.

Additionally, SLETC is the only thin-Linux platform to protect customers from potential IP infringement suits as it is jointly indemnified by Novell and Microsoft.

Simple "Hands-Off" Management

Deploying, managing, and updating SLETC is easier than any other thin-Linux distribution, Period. Utilizing Wyse's proven automatic update and configuration approach, management tasks can be handled centrally and easily without any management software required.

Updating 1 or 1,000 thin clients is as simple as dragging and dropping a file into a folder. For customers that desire a little more hands-on approach (such as asset tracking, reporting, etc.) then integration with Wyse Device Manager is built-in.

Security

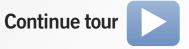
Wyse Enhanced SLETC is designed with security in mind. IT Managers are able to provide a locked-down experience, smartcard login to virtual environments, VPN connectivity, and leverage a read-only file system that protects against data loss, theft and virus attacks.

Flexible, Multi-Protocol Support

Being built from a standard enterprise-quality Linux distribution means SLETC supports a wide range of protocols and infrastructures straight-out-of-the-box including Citrix, Microsoft, VMware and even your legacy applications (such as terminal emulations) - allowing you to mix-and-match connections from a single SLETC image.

That's Wyse Enhanced SUSE Linux Enterprise Thin Client

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







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Operating Systems Microsoft Windows XP Embedded

Running Microsoft Windows XP Embedded on Wyse thin clients gives IT departments the ability to support Citrix ICA, Microsoft RDP and VMware View environments and deploy fully functional desktops with better manageability and significantly lower total cost of ownership than personal computers.

Wyse Enhanced Microsoft Windows XP Embedded-based thin clients can run 32 bit Microsoft Windows applications, either locally or from servers located on the network, with inbuilt flexibility to add and

support a host of desktop peripherals with permission from the IT administrator.



Secure write-protected thin desktops

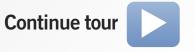
This robust and flexible operating system is further enhanced by the Wyse file-based Write Filter that enables you to protect the file system image from accidental changes or user customization.

On rebooting, the thin client simply returns to the required file system image state.

Wyse customized image support

Wyse technicians are able to help you customize Windows XP Embedded to your exact requirements and create bespoke system images for subsequent enterprise-wide deployment, management and update through Wyse Device Manager.

Contact your Wyse Partner for further details.







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Operating Systems Microsoft Windows Embedded Standard 2009

Running Windows Embedded Standard (WES) on Wyse thin clients gives IT departments the ability to deploy fully functional desktop clients with better manageability and significantly lower total cost of ownership than personal computers.

Wyse WES 2009-based thin clients can run 32 bit Microsoft Windows applications, either locally or from servers, with the inbuilt flexibility to add and support a host of desktop peripherals with permission from the IT administrator.



Full support is provided for RDP 7.0, Citrix ICA 11.2, VMware View 4.0.1 and Internet Explorer 8.

Secure write-protected thin client desktops

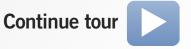
This robust and flexible operating system is further enhanced by the Wyse file-based Write Filter that enables you to protect the files, folder and/or entire volumes from

accidental changes or user customization. On rebooting, the thin client simply returns to its original state thus preventing any possible damaging modification either from users or malware.

Wyse customized image support

Wyse technicians are prepared to help you customize Windows
Embedded Standard 2009 to your exact requirements in order to
create custom-built images for subsequent enterprise-wide
deployment, management and update through Wyse Device Manager.

Contact your Wyse Partner for further details.







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Operating Systems Microsoft Windows Embedded Standard 7

New Windows Embedded Standard 7 (WES 7) delivers a wealth of enhanced deployment, user experience and management benefits to Wyse desktops, mobiles and thin clients deployed across an organization's virtualized network.

Richer user experience

Wherever they are - deskbound or mobile - with Microsoft Windows Embedded Standard 7 your users can benefit from the rich user experience of the Aero interface and the power, familiarity and reliability of the Windows

7 operating system in a highly customizable and componentized form.



Full support is provided for Remote Desktop Protocol (RDP) 7.0 to provide seamless connectivity to Windows Server 2008 R2 and virtual desktop infrastructure scenarios. The Wyse-enhanced WES7 platforms include additional features supporting the latest Citrix Online Plug-in and VMware View 4.5 to fit the needs of your most sophisticated users and making it an optimum OS for organizations

wanting broad support for Cloud computing and desktop virtualization. Citrix Online Plug-in provides the HDX user experience and View 4.5 provides localization and Virtual Printing.

The platform also features additional Windows technology innovations to drive rich, immersive user experiences, including Internet Explorer 8.

There's full support and inbuilt flexibility too, to add and support a host of desktop peripherals with permission from the IT administrator.

Easier to manage and deploy

Now, with WES7, deploying 32-bit capable thin clients is easier and more manageable than ever before and reflects the direct working relationship between Wyse and Microsoft.

The support for Domain Join and group policies through Active Directory, along with support for management infrastructures like Microsoft System Center Configuration Manager (SCCM), help with management and integration of thin clients into existing desktop management infrastructures.

Wyse Device Manager (WDM) addresses key management requirements for deploying powerful thin clients. With its centralized management and administration, WDM helps IT departments deliver more effective remote thin client support while minimizing end user downtime. While to help IT and Customer Service staff, a simple USB imaging solutions, Wyse USB Firmware Tool, allows to quickly and easily manage image supported devices.

Enterprise-wide consistency

Wyse Embedded Standard 7 and Wyse provide the ideal, cost effective opportunity to deploy a consistent, high performance operating system across Wyse cloud clients.

Take the Tour again







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http://www.wyse.com or send an email to: sales@wyse.com

Wyse Sales

800 GET WYSE (800 438 9973) International customers please dial: 00 1 408 473 1200

Wyse Customer Service Center:

800 800 WYSE (800 800 9973)

Wyse offers cloud client computing sales, service and support expertise around the globe.

Click here for contact details of your regional Wyse office.

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Technical Wyse C class Specifications

Wyse C class is available across a variety of operating systems featuring the speed of Wyse ThinOS, the functionality of Microsoft Windows CE, the security of SUSE Linux Enterprise Thin Client, the versatility of Microsoft Windows XP Embedded, the advanced capabilities of Microsoft Windows Embedded Standard 2009, the rich user experience of new Microsoft Windows Embedded Standard 7, and the provisioning power of Wyse WSM.

Learn more Simply click the data sheets below:

Wyse C10LE, C30LE, C50LE C90LE, C90LEW, C90LE7 thin clients and C00LE cloud PC



Microsoft Windows XPe



Wyse ThinOS



Microsoft Windows Embedded Standard 2009



Microsoft Windows CE



Microsoft Windows Embedded Standard 7



Wyse Enhanced SUSE Linux Enterprise Thin Client



Wyse WSM



Visit: wyse.com







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Wyse C class family Hardware Specifications

Processors	VIA C7 1GHz	Audio
Chipset	VIA VX855	
Memory	C class with Wyse ThinOS (C10LE): 128MB Flash / 512MB RAM DDR2 C class with Windows CE (C30LE): 128MB Flash / 512MB RAM DDR2 C class with SUSE Linux (C50LE): 1GB Flash / 1GB RAM DDR2	Physical cha
	C class with Windows XP Embedded (C90LE): 1GB Flash / 1GB RAM DDR2	Shipping We
	C class with Windows Embedded Standard 2009 (C90LEW): 2GB Flash / 1GB RAM DDR2	Mountings
	C class with Windows Embedded Standard 7 (C90LE7): 4GB Flash / 2GB RAM DDR2 C class for Wyse WSM (C00LE): 0GB Flash / 1GB RAM DDR2	
		Device Secu
Maximum memory Configuration	Flash up to 4GB / RAM up to 2GB	Power
I/O peripheral support	One DVI-I port, DVI to VGA (DB-15) adapter included Dual-video Support with optional DVI-I to DVI-D plus VGA-monitor	
	splitter cable (sold separately) Four USB 2.0 ports (2 on front, 2 on back)	Temperature
	Two PS/2 ports	
	One Mic In	Humidity
	One Line Out Enhanced PS/2 Keyboard with Windows Keys (104 keys) and	
	PS/2 Optical mouse included	Certification
Networking	10/100/1000 Base-T Gigabit Ethernet Cisco CCX Certified internal 802.11 b/g/n* (optional) eliminates theft of external wireless adapters	
Display	VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate Dual monitor supported	Warranty
	Single: 1920x1200@60Hz, Color depth: 8, 15, 16, 24 or 32bpp, Two independent full resolution frame buffers Dual: 1920x1200@60Hz, Color Depth: 8, 15, 16, 24 or 32bpp.	

Audio	Output: 1/8-inch mini jack, full 16 bit stereo Input: 1/8-inch mini jack, 8 bit microphone	
Physical characteristics	Height: 1.38 inches (34mm) Width: 6.94 inches (177mm) Depth: 4.75 inches (121mm)	
Shipping Weight	6 lbs. (2.7kg)	
Mountings	Horizontal feet Optional VESA mounting bracket	
Device Security	Built-in Kensington security slot (cable sold separately)	
Power	Worldwide auto-sensing 100-240 VAC, 50/60 Hz. Energy Star® V.5.0 compliant power supply Average power usage with device connected to 1 keyboard with 1 PS/2 mouse and 1 monitor: Under 7 Watts	
Temperature Range	Operating: 50° to 104° F (10° to 40° C), horizontal and vertical positions Storage: 14° to 140° F (-10° to 60° C)	
Humidity	20% to 80% condensing 10% to 95% non-condensing	
Certifications	German EKI-ITB 2000, ISO 9241-3/-8 cULus 60950, TÜV-GS, EN 60950 FCC Class B, CE, VCCI, C-Tick WEEE, RoHS Compliant Energy Star® Compliant	
Warranty	Three-year hardware warranty. Visit our web site for WyseChoice extensions and upgrades	







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Wyse ThinOS 7 Specifications

HDX Ready client	 HDX Mediastream HDX Realtime HDX IntelliCache HDX Broadcast (Branch Repeater)	HDX Plug-n-PlayProgressive DisplayDesktop Restart (XenDesktop)Smartcard authentication and redirection	 Flash (server rendered) Seamless Windows Session Reliability Access Gateway Support (CSG mode)
RDP 7.x Compatible client	 Up to 32-bit color depth connections Smartcard authentication and redirection Rich Multimedia (TS MMR) 	Broad USB Support (with Wyse TCX)WAN Acceleration (with Wyse VDA)Flash Video support (with TCX)	Network Level Authentication (NLA)True Multi-Monitor Support
VMware View 4.x client	Smartcard AuthenticationRestart VMBi-directional Audio (with TCX)	SSL TunnelingMultimedia Support (with TCX)Flash Video Support (with TCX)	 SecureID Authentication Broad USB Support (with TCX) WAN Acceleration (with VDA)
Roaming smart card vendor support	provides 'out-of-the-box' smart card support for ve	ndors such as Gemalto .NET, Aladdin, and Activelden	nment support regardless of which station they are connecting from. Wyse ThinOS titly – supported within Citrix, VMware and Microsoft environments. Users benefit from ipped Wyse thin computing environment. DoD CAC supported.
Wyse TCX Suite	 Wyse TCX Suite virtualization software works with and enhances HDX and RDP protocols featuring: Multimedia – giving users the power to run rich multimedia files formats Multi-Display – windows and dialog boxes behave the way users expect across multiple displays. USB Virtualizer – client attached USB devices are visible to virtual desktops applications, and administrators. Rich Sound – receive and transmit high quality audio without compromise. Flash Acceleration – helps users of thin clients to experience improved Flash performance. 		
Wyse Virtual Desktop Accelerator	Neutralizes the effects of network latency and packet loss, making 'thin' more suitable for more remote-site, branch, or field-based users by boosting RDP and ICA up to 20 times on networks with latencies up to and exceeding 300ms and at least 768kbps bandwidth.		
Management made easy	Fast booting, scalable administration includes simple drag and drop placement of firmware, automatic updates via file server and full integration with Wyse Device Manager.		
Security built in	 With no published API Wyse ThinOS is inherently secure from viruses and malware. Wyse ThinOS includes robust wired and wireless 802.1x support, with secure encryption for simple installation and management. DoD CAC supported. 		
Server OS Infrastructure Support	Citrix XenDesktopVMware View	 Citrix XenApp / Citrix Presentation Server Support for other leading VDI brokers (Quest Software, Leostream, etc) 	Microsoft Windows Terminal Server 2003 / 2008





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Microsoft Windows CE 6.0 WFR3 Software specifications

Microsoft Windows CE 6.0 WFR3 Microsoft Internet Explorer 6.0 resident: HTML, JavaScript, XML, Active X as custom Citrix ICA 10.x resident Citrix Web Interface RDP 6.0 resident VMware View Client Resident CCID compliant Smart Card Readers support Ericom PowerTerm® Terminal Emulation provides 30-plus terminal emulation Jetcet 5.0 Media Player 9.0 Terminal Services Advanced Client (TSAC) ThinPrint ICAVC and Thinprint RDP VNC support in CE 6.0 WinCE 6 eStar B category certification Server OS Infrastructure Support Microsoft Windows Terminal Server 2003 / 2008		Protocol Support	TCP/IP, DNS, DHCP, PXE, PPP, PC/SC and ISO-7816 smart-card support
	Management	Remote management, configuration and upgrades through Wyse Device Manager Send messages Complete image upgrade Wake terminal remotely (Wake-on LAN) Terminal configuration (IP information, etc) Remote screen shadowing of entire desktop (Wyse Remote Shadow) Reporting Altiris Deployment via add-on	
	IEEE 802.1X WEP, WPA, and WPA-2 wireless autl Internal WiFi default encryptions: MI Supports USB wireless adapters from	WEP, WPA, and WPA-2 wireless authentication	
		Supports USB wireless adapters from: Cisco, D-Link, Netgear, US Robotics, Trendware	
Set-up and Configuration	User interface Boot from local flash	_	





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SUSE Linux Enterprise Thin Client Software specifications

Firmware features	SUSE Linux Enterprise Thin Client 11 Automatic Central Configuration (text-based INI's) Automatic Upgrades (FTP, HTTP, HTTPS) Secure, read-only file system with lockdown abilities RDESKTOP 1.6 client Citrix Online Plugin 11.2 client (ICA 11.2) w/ HDX Mediastream, Plug-n-Play, Realtime, etc.	Management made easy	Automatic, "hands-off" configuration and upgrading of thin clients without the need for device management software. Optionally, administrators can choose to integrate with Wyse Device Manager (WDM) for more hands-on control: - Complete image upgrade - Wake terminal remotely (Wake-on LAN) - Remote screen shadowing of entire desktop (VNC) - Asset management and reporting
	VMware View 4.0 client Ericom PowerTerm® Terminal Emulation	Wireless support	WPA Personal, WPA2 Personal, WPA Enterprise, WPA Enterprise Authentication support PEAP/TLS: PAP/MSCHAP/MSCHAPV2 support
Server OS	Cisco, Juniper, Nortel, IPSEC VPN Support (Add-ons) Local/Remote Printing support (CUPS, LPR/LPD, Samba, ThinPrint,etc) Web-based applications (Firefox, Flash, JAVA,etc) XDMCP SSH Citrix XenApp / Citrix Presentation Server	Wyse TCX Suite	Advanced support for innovative Wyse TCX Suite of virtualization software that both works with and enhances ICA and RDP (instead of replacing them) featuring: • Multimedia acceleration - the power to run rich multimedia files formats utilizing Wyse Collaborative Processing Architecture (CPA) that intelligently redirects the necessary processing tasks between the thin client and the server. • Multi-display - ensures that windows and dialogue boxes behave the way users expect when using more than one monitor. • USB Virtualization - makes thin client-attached USB devices visible to virtual desktops and applications, with full IT control.
Compatibility/Support	Citrix XenDesktop VMware View Microsoft Windows Terminal Server 2003 & 2008		 Bi-directional sound - enables virtual desktops and applications to receive and transmit high quality audio without compromise. Flash acceleration - helps users of thin clients to experience improved Flash performance.
Keyboard language support	100+ Keyboard Layouts supported locally (English, German, Spanish, French, Italian, Dutch, Chinese, Japanese, Turkish)	Wyse Virtual Desktop Accelerator	Wyse Virtual Desktop Accelerator Delivers the best user experience for the allocated network bandwidth. Wyse Virtual Desktop Accelerator neutralizes the effects of network latency and packet loss, making cloud client computing more suitable for more remote-site, branch, or field-based users - and boosts RDP and ICA up to 20 times on networks with latencies up to and exceeding 300ms and at least 768kbps bandwidth.







Features

Technical



Models

Generic WXPE Spec approved final 100410

Microsoft Windows XP Embedded SP3 Software specifications

Firmware features	Microsoft Windows XP Embedded SP3 Microsoft Internet Explorer 7.0 resident: HTML, JavaScript, XML, Active X Sun JRE, Media Player, Citrix Web Interface RDP 6.0.xx resident		Reporting, Asset management SMS Altiris
	Citrix ICA 11 resident VMware View Client Resident	Wireless support	802.11 b/g/n support with internal wireless adapter WPA-2, WEP, WPA wireless authentication
	Ericom PowerTerm® Terminal Emulation provides 30-plus terminal emulations		Supports wireless adapters from: Cisco, D-Link, Netgear, US Robotics, Trendware
	Windows Media Player 11, .NET 3.0 SP1	Plug-ins	Adobe Flash Player
Memory	1GB of flash memory and 1GB of RAM		Adobe Shockwave
Server OS Infrastructure Support	Citrix XenApp / Citrix Presentation Server Citrix XenDesktop VMware View Microsoft Windows Terminal Server 2003 & 2008	Wyse TCX Suite	Advanced support for innovative Wyse TCX Suite virtualization software that both works with and enhances ICA and RDP (instead of replacing them) featuring: • Wyse TCX Multimedia - the power to run rich multimedia files formats ultilizing Wyse Collaborative Processing Architecture (CPA) that intelligently redirects the
Set-up and Configuration	Boot from local flash Microsoft Windows XP user interface languages: U.S. English, French, German, Spanish, Optional add-ons	necessary processing task • Wyse TCX Multi-Display -	necessary processing tasks between the client and the server. • Wyse TCX Multi-Display - ensures that windows and dialogue boxes behave the way users expect when using more than one monitor.
Keyboard language support	U.S. English (standard), French, German, Spanish, U.K. English, 40 other languages included		 Wyse TCX USB Virtualizer - makes client attached USB devices visible to virtual desktops and applications, with full IT control. Wyse TCX Rich Sound - enables virtual desktops and applications to receive and
Protocol Support	TCP/IP, DNS, DHCP, PXE		transmit high quality audio without compromise.
Management	Remote management, configuration, and upgrades through Wyse Device Manager Complete image upgrade		 Wyse TCX Flash Acceleration - helps users of thin clients to experience improved Flash performance.
	Wake terminal remotely (Wake-on LAN)		
	Terminal configuration (IP information, name, etc.)		
	Remote screen shadowing of entire desktop (Wyse Remote Shadow)		





Models

Start

Features

Technical



Approved final 10111

Microsoft Windows Embedded Standard 2009 Software specifications

Firmware features	Microsoft Windows Embedded Standard 2009 Microsoft Internet Explorer 8.0 resident: HTML, JavaScript, XML, Active X Sun JRE, Media Player, Citrix Web Interface RDP 7.0 resident Citrix Online Plugin 11.2 resident (ICA 11.2) VMware View 4.0.1 client resident		Terminal configuration (IP information, name, etc.) Remote screen shadowing of entire desktop (Wyse Remote Shadow) Reporting, Asset management SMS Altiris
	Ericom PowerTerm® Terminal Emulation provides 30-plus terminal emulations Windows Media Player 11, .NET 3.5	Wireless support	802.11 b/g/n support with external wireless adapter or internal wireless adapter option WPA-2, WEP, WPA wireless authentication
Server OS Infrastructure Support	Citrix XenApp / Citrix Presentation Server Citrix XenDesktop VMware View Microsoft Windows Terminal Server 2003 & 2008		PEAP-GTC wireless authentication protocol with optional Juniper Odyssey Client Supports PC-Card wireless adapters from: Cisco, D-Link, Netgear, US Robotics, Trendware
Application Framework	.Net 3.5	Plug-ins	Adobe Flash Player
Security	Microsoft Baseline Security Analyzer (MBSA) Wyse TCX Suite		Adobe Shockwave Microsoft Silverlight
Set-up and Configuration		Advanced support for innovative Wyse TCX Suite of virtualization software that bo works with and enhances ICA and RDP (instead of replacing them) featuring: • Multimedia acceleration - the power to run rich multimedia files formats ultilizin Wyse Collaborative Processing Architecture (CPA) that intelligently redirects the	
Keyboard language support U.S. English (standard), French, German, Spanish, U.K. English, 40 other languages included			 necessary processing tasks between the thin client and the server. Multi-display - ensures that windows and dialogue boxes behave the way users expect when using more than one monitor.
Protocol Support	TCP/IP, DNS, DHCP, PXE		USB Virtualization - makes thin client-attached USB devices visible to virtual
Management	Remote management, configuration, and upgrades through Wyse Device Manager Complete image upgrade Wake terminal remotely (Wake-on LAN)		 desktops and applications, with full IT control. Bi-directional sound - enables virtual desktops and applications to receive and transmit high quality audio without compromise. Flash acceleration - helps users of thin clients to experience improved Flash performance.





Start

Firmware features	Microsoft Windows Embedded Standard 7 (WES7) Microsoft Internet Explorer 8.0 resident: HTML, JavaScript, XML, Citrix Web Interface RDP 7.0 resident Citrix Online Plugin 11.2 resident (ICA 11.2) Citrix XenDesktop VMware View 4.0.1 client resident (VMware View 4.5 supported) Ericom PowerTerm® Terminal Emulation provides 30-plus terminal emulations Windows Media Player 12
Server OS Infrastructure Support	Citrix XenApp / Citrix Presentation Server Citrix XenDesktop VMware View Microsoft Windows Terminal Server 2003 & 2008 R2
Security	File Based Write Filter (FBWF)
Set-up and Configuration	Boot from local flash Microsoft Windows WES7 user interface languages: U.S, 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 Terminal configuration (IP information, name, etc.) Reporting, Asset management SCCM Simple USB imaging solution with Wyse USB Firmware Tool

Wireless support	802.11 b/g/n support with external wireless adapter or internal wireless adapter option		
	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		
Plug-ins	Adobe Flash Player Microsoft Silverlight		
Wyse TCX Suite	Advanced support for innovative Wyse TCX Suite virtualization software that both		

- works with and enhances ICA and RDP (instead of replacing them) featuring:
 Multimedia acceleration the power to run rich multimedia files formats ultilizing Wyse Collaborative Processing Architecture (CPA) that intelligently redirects the necessary processing tasks between the thin client and the server.
- Multi-display ensures that windows and dialogue boxes behave the way users expect when using more than one monitor.
- USB Virtualization makes thin client-attached USB devices visible to virtual desktops and applications, with full IT control.
- Bi-directional sound enables virtual desktops and applications to receive and transmit high quality audio without compromise.
- Flash acceleration helps users of thin clients to experience improved Flash performance.







Features

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Print



Approved final 1

Approved final 101110

Wyse WSM Software Specifications

Device Hardware Requirements	 Windows XP Pro Minimum processor speed 800 MHz (1GHz or higher is recommended) Mind. 256 MB (1GB or higher is recommended) Vista and Windows 7 Minimum processor speed 1 GHz (1.5GHz or higher is recommended) Mind. 1 GB (2GB or higher is recommended) 	Flash size/local storage – none needed. If the device has flash it can be used as a local cache for offline mode.	
Server Requirements	Minimum processor speed 1GHz (3GHz or higher is recommended).	• Server Operating System: Windows XP Pro SP3, Windows Server 2003, Windows Server 2008 and 2008 R2	
Network Requirements	 Server Lan Speed = Minimum 100Mbps (1Gbps and up is recommended). Device Lan Speed = Minimum 10Mbps (100 Mbps full duplex is recommended) 		
Operating Systems Supported	Microsoft Windows XP Microsoft Windows Vista. Microsoft Windows 7		
Databases supported	Microsoft SQL 2005 and 2008 (Server and Express Editions).		
Built-in high Availability	Database availability using SQL clustering. Built-in server high availability through	ngh WSM Server Grouping feature. • Server to Server Fail-over Capability.	
Fast and Easy Installation	• Installing Wyse WSM is simply a matter of running a single, graphical installer.	The installer checks for all the prerequisite components before installation.	
Web-based Admin Console	 Allows IT administrators to access Wyse WSM from any browser. Control the entire installation from a central location. 	 Dramatically simplifies administration, saving IT time and user downtime. Wizards to guide the user through specific tasks. 	
Operation System and Application Imaging Tools	Imaging tool simplifies the process of creating an OS image for the specific hardware configuration and an application image for all hardware configurations.	All OS and application images are ready for deployment once created, no further modifications needed.	
Application Subscription Management	 Use flexible application deployment methods: - Auto-subscribed applications are ready for use when user logs in for the first time. - Manual subscriptions allow users the flexibility to use applications only when needed. - Mandatory subscriptions that cannot be unsubscribed by users. 		
Protected System Drive	Allows administrators to protect the system drive from enduser initiated updates.	 Prevents changes to operating system drive except by administrators, helping stop viruses, spyware, or malware from infecting the device. 	





Start Models

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Operating System Streaming	 Wyse WSM provides an on-demand operating system to Wyse cloud PCs or diskless PCs on the network. Only those bits needed for the normal device operation are sent in order to reduce network traffic. 	 Innovative technology makes each Wyse cloud PC or diskless PC think there is a virtual hard disk attached to the device. Operating-system images can be shared across multiple devices, making management easier.
Flexible Boot Options	 Each device can boot from four operating system image assignments. Administrators can assign or let users choose which operating system they want to boot. 	 First disk mode for the default OS image to boot from every time device starts up. First available mode to boot from the first responding server in order to balance loads.
Application License Management and Metering	Wyse WSM provides the infrastructure to collect information about the application license-usage across the enterprise. This information allows IT organizations to save money associated with application licenses.	 Licenses can be stored for all the applications deployed. It also enforces license compliance. Types of licenses that can be controlled include: - Time-based licenses (valid for X days). - Number of concurrent users.
Modes of Operation	Wyse WSM allows administrators to choose modes of operation for the operating system: - Private Mode – for administration of operating system images.	 Shared Mode – has two additional modes of normal operation: Volatile – returns desktop to pristine state after a device reboot. Persistent – remembers any user settings after a device reboot.
Remote Servers for Scalability	IT administrators can deploy multiple remote servers to improve scalability of the overall solution.	Central management of remote servers allows easy deployment of the solution across different geographic locations.
Comprehensive Reporting	 Easy ad-hoc reporting based on flexible parameters. Reports are delivered through HTML, giving you the flexibility to output in any form. 	 License-metering reports can be used to make proactive purchasing decisions. License-audit reports can be used for compliance purposes.
Desktop Compatibility	Wyse WSM works with Wyse COOLE, VOOLE, ROOL/E and XOOC/L family cloud PCs as well as:	s with existing thin clients, diskless PCs and virtual-desktop systems.



Wyse C class[™] cloud clients



Small size big performance

Summary Data



Wyse C class cloud clients

High performance. Inside out.

Inside every compact, Wyse C class lies a punchy VIA C7 1 GHz processor and an advanced hardware graphics accelerator delivering rich multimedia and video playback up to 1080p HD resolution.

Outside, you'll find advanced DVI-I display connectivity for one or two displays, four free USB 2.0 ports, PS/2 ports for keyboard and mouse, gigabit Ethernet and optional WiFi (b/g/n)* support.

Fits round you.

On the desk or out of sight; Wyse C class fits around you. With a monorail mount that lets you choose how and where to fit it: horizontally, vertically, directly to walls, under desks ...and even fitted discretely to the rear of standard desktop displays.

Compact. Clever. Capable.

Creating highly productive, fully functional and compact virtual desktops has never been easier. Each Wyse C class features full support for the Wyse TCX[™] Suite of user enhancements - that includes multiple display support, multimedia playback, rich bi-directional audio, Flash acceleration and USB peripheral connectivity - and Wyse WSM™ cloud PC provisioning software delivering a rich PC experience.

Cool performance. Cooler workspaces.

Designing these levels of high processing and graphics performance into such a compact space hasn't been at the expense of energy consumption and heat emissions either. Each Wyse C class draws under 7 watts of power - creating cooler working environments - in every respect.

Choice of operating systems.

Call Wyse: 1-800-GET-WYSE www.wyse.com

Seven models are available featuring Wyse ThinOS, Windows CE, Windows XP Embedded & Windows Embedded Standard 2009 and 7 operating systems, SUSE Linux Enterprise Thin Client and Wyse WSM.

*Wyse C10LE supports 802.11 b/g only.

Features

Performance

VIA C7 1 GHz processor and advanced hardware graphics accelerator for rich multimedia and video playback up to 1080p

Connectivity
Advanced DVI-I display connectivity for one or ports for keyboard and mouse, gigabit Ethernet and optional WiFi (b/g/n)* support.

Mounting options Horizontal standing desktop feet. Can be mounted to walls and backs of monitors.

Draws under 7 watts of power when connected to one keyboard, PS/2 mouse and monitor.

Features Wyse Device Manager software (workgroup edition).

Virtualization

Delivers the best user experience through full support for the Wyse TCX Suite of virtualized desktop enhancement software and Wyse VDA acceleration software that reduces the effects of network latency.

Wyse WSM provisioning software

Provides compact, energy efficient and productive 'Cloud PCs' with all the dynamic user experience of PCs - without their risks and complexities.

Wyse ThinOS

Featuring the blisteringly fast Wyse ThinOS designed for high security environments.

SUSE Linux Enterprise Thin Client

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

Microsoft CE 6

Componentized real-time operating system for small footprint devices.

Microsoft Windows XP Embedded

Windows XP Embedded - runs thousands of existing Windows applications and drivers on

Microsoft Windows Embedded Standard 2009 and 7

Take advantage of the power of Windows Embedded Standard 2009 and the rich user experience of Windows Embedded Standard 7. **Processors** VIA C7 1GHz VIA VX855 Chipset

C class with Wyse ThinOS (C10LE): 128MB Flash / 512MB RAM DDR2 Memory

C class with Windows CE (C30LE): 128MB Flash / 512MB RAM DDR2 C class with SUSE Linux (C50LE): 1GB Flash / 1GB RAM DDR2

C class with Windows XP Embedded (C90LE): 1GB Flash / 1GB RAM DDR2

C class with Windows Embedded Standard 2009 (C90LEW):

2GB Flash / 1GB RAM DDR2

C class with Windows Embedded Standard 7 (C90LE7): 4GB Flash / 2 GB RAM DDR

C class for Wyse WSM (COOLE): OGB Flash / 1GB RAM DDR2

Maximum memory Configuration

Flash up to 4GB / RAM up to 2GB

I/O peripheral support One DVI-I port, DVI to VGA (DB-15) adapter included

Dual-video Support with optional DVI-I to DVI-D plus VGA-monitor splitter cable (sold separately)

Four USB 2.0 ports (2 on front, 2 on back)

Two PS/2 ports One Mic In One Line Out

Enhanced PS/2 Keyboard with Windows Keys (104 keys) and

PS/2 Optical mouse included

10/100/1000 Base-T Gigabit Ethernet Networking

Cisco CCX Certified internal 802.11 b/g/n* (optional) eliminates theft of external wireless adapters

VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate **Display**

Dual monitor supported

Single: 1920x1200@60Hz, Color depth: 8, 15, 16, 24 or 32bpp,

Two independent full resolution frame buffers

Dual: 1920x1200@60Hz, Color Depth: 8, 15, 16, 24 or 32bpp.

Audio Output: 1/8-inch mini jack, full 16 bit stereo

Input: 1/8-inch mini jack, 8 bit microphone

Physical characteristics Height: 1.38 inches (34mm)

> Width: 6.94 inches (177mm) Depth: 4.75 inches (121mm)

Shipping Weight 6 lbs. (2.7kg) Mountings Horizontal feet

Optional VESA mounting bracket

Device Security Built-in Kensington security slot (cable sold separately)

Worldwide auto-sensing 100-240 VAC, 50/60 Hz. Energy Star® V.5.0 compliant power supply Power

Average power usage with device connected to 1 keyboard with 1 PS/2 mouse and 1 monitor: Under 7 Watts

Temperature Range Operating: 50° to 104° F (10° to 40° C), horizontal and vertical positions

Storage: 14° to 140° F (-10° to 60° C)

Humidity 20% to 80% condensing

10% to 95% non-condensing

Certifications German EKI-ITB 2000, ISO 9241-3/-8

cULus 60950, TÜV-GS, EN 60950 FCC Class B, CE, VCCI, C-Tick WEEE, RoHS Compliant

Energy Star® Compliant

Three-year hardware warranty. Visit our web site for WyseChoice extensions and upgrades Warranty

*Wyse C10LE supports 802.11 b/g only.

Wyse Technology Inc. 3471 North First Street San Jose, CA 95134-1801 Visit our website at: http://www.wyse.com Or send email to:

800 GFT WYSF (800 438 9973)

Wyse Custome Service Center: 800 800 WYSE

