Dell Wyse V class
Versatility on your desktop.

Dell Wyse V class.
All you need to know, Here:
Offering versatility and performance.

Powerful energy saving CPUs are at the heart of Dell Wyse V class' expandable but compact size that features a host of connections including DVI for crisp displays and a unique monorail mounting system allowing the device to be mounted under desks, to walls and even to the rear of desktop monitors.

V10LE
Dell Wyse ThinOS for fast boot up times.

V30LE
Featuring Microsoft Windows CE.
Dell Wyse V class versatile cloud clients have been created to combine expandability, power and performance in a compact space-saving desktop device. The family is complemented by the Dell Wyse cloud computing software range that features a fast operating system, management and virtualization applications designed to deliver the best PC experience in a cloud computing environment.

The Dell Wyse V class is available with Dell Wyse ThinOS and Microsoft Windows CE.

Learn more. Simply click the Dell Wyse V class feature icons below:

- Performance
- Connectivity
- Mounting options
- Green
- Management
- User experience optimization

User experience acceleration
Dell Wyse ThinOS
Microsoft Windows CE

Take a tour of the Dell Wyse V class range

dellwyse.com
High performance

Dell Wyse V10LE and V30LE thin clients.

Reflecting the needs of ever changing desktop environments the Dell Wyse V class range has the expandability, power and performance to match. Driven by powerful energy saving Via C7 Eden processors the V class presents an all-round high performance and versatile desktop computing platform. Adding an extra monitor is simple with built-in dual video. Expanding functionality is straightforward with an optional PC-Card expansion slot. Choose between monitor is simple with built-in dual video. Expanding functionality is straightforward with an optional PC-Card expansion slot. Choose between the speed, ease and administrative simplicity of Dell Wyse ThinOS and the robust functionality of Microsoft Windows CE. Select the WiFi wireless options to deploy the V class across a range of desktop environments without compromising data security.

Adding a second monitor is simple.

To add a second monitor, use an optional splitter cable. And, just like all Dell Wyse cloud clients, they don’t have hard drives, so all your users’ data remains safely on the server, eliminating the risks from data loss or malicious viruses.

Via C7 Eden 1.2 GHz

The Via C7 Eden processors inside every Dell Wyse V class deliver excellent performance with low energy use.
V class connectivity

Dell Wyse V10LE and V30LE thin clients.

Well connected

- Audio In: 1/8-inch mini jack, 8 bit stereo microphone
- Audio Out: 1/8-inch mini jack, 16 bit stereo
- Three external USB 2.0 ports (1 front; 2 back)
- One DVI-I Port: Allows use of 1 or 2 displays (with optional splitter cable)
- Two PS/2 ports
- 10/100 Base-T Ethernet port
- One serial port
- One parallel port
- Kensington lock slot
- Options: Internal smart card reader
- Antenna connection for internal wireless

Front of device
The Dell Wyse V class can be placed vertically on desktops, mounted to walls and even behind monitors.

**Mounting options**

**Back of monitor or wall mounting**

An optional VESA mount bracket enables V class thin clients 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.

**Optional feet**

Dell Wyse V class thin clients are supplied as standard with feet for vertical use, and optional feet for horizontal use.
That’s Dell Wyse EarthSmart™ 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
The Dell Wyse V class packs a considerable punch with their green credentials. From reduced manufacturing impact and end-of-life recycling waste, to as little as 7 watts energy consumption, deploying V class thin clients will enable your organization to achieve a lighter carbon footprint.

*Average power usage with 1 device connected to 1 keyboard, 1 PS/2 mouse, and 1 monitor.
Dell Wyse Device Manager (WDM) addresses key management requirements for deploying powerful thin clients. With its centralized management and administration, WDM helps IT departments deliver effective remote thin client support while minimizing end user downtime.

**Security**  
HTTPS based imaging, updates and downloads.  
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**  
Easy, 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

- **Reduce end user IT costs**  
  Reduce energy consumption with scheduled up/down times

- **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
User experience optimization Dell Wyse TCX Suite
with Dell Wyse Collaborative Processing Architecture

Dell Wyse TCX delivers an optimal user experience in one software suite.

The TCX suite 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 help 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 redirection**
Flash redirection helps thin client users to experience excellent Flash video performance. TCX Flash redirection allows web-based Flash video content to be fetched directly by the Dell Wyse thin client from the source where it is played locally. Users get outstanding Flash video performance while the VDI host system runs more efficiently.

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

Continue tour
Removing the barriers of network latency.

Dell 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 VDA, more users can receive the full benefits of Dell Wyse thin computing – with outstanding PC experience over virtualized desktops.

VDA is a software-only solution for Dell Wyse thin clients and supported PCs that delivers exceptional 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.

VDA works with instead of replacing existing RDP and ICA protocols, and is designed to offer significant acceleration over certain capacity-constrained WAN links.

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 Dell Wyse TCX software suite functionality across wide-area networks
- Enables Dell 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).
Dell 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.


This fast, purpose-built cloud client 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 viruses and malware.

Management is simple with time consuming tasks such as software and configuration updates automated via central file servers (ftp, http, and https) where Dell Wyse thin clients can check-in for their updates. So, whether you have 100, 1000, or 10,000 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 Dell Wyse Zero engine, ThinOS delivers fast and secure virtual desktops with user experiences based upon an individual’s access levels.

Logging on is fast and easy too with no double desktop dramas. There’s just one screen for inputting credentials before users are immediately presented with their assigned desktop(s). Finally, the Dell Wyse Zero toolbar gives advanced users the option to switch between multiple virtual desktops or modify local settings (e.g. display resolution)—all without leaving their virtual desktop environment.

Innovative, user-oriented and productive features

Instant-on, simple access for users

• The 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

• ThinOS enables simple, scalable device management from day one without the need for complex management software.
• For enterprise management ThinOS features complete integration with Dell Wyse Device Manager.

Security

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

Industry best Citrix HDX, View, and RDP in a non-windows client

• Support for latest HDX features including ICA UDP audio, accelerated multimedia playback, USB webcam remoting, new audio codecs for VoIP, dual factor authentication, etc.
• Dell Wyse is the only vendor with an RDP 7.1 compatible client on non-windows OS – other vendors use RDESKTOP (based on RDP 6.x)
• ICA and RDP performance outperforms other non-windows clients by 3x (on comparable hardware).
• Enhance existing protocols further with Dell Wyse TCX (i.e. multicasting, high latency optimization, USB redirection into terminal server, etc)
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, Dell 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.

Small, fast and secure

Dell 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, VMware View, Ericom PowerTerm WebConnect, Ericom PowerTerm InterConnect Terminal Emulation as well as a local browser, plus standard connections to peripherals and add-ons.
Dell Wyse V class thin clients are available across a variety of operating systems featuring the speed, ease and administrative simplicity of Dell Wyse ThinOS and the functionality of Microsoft Windows CE.

Want to learn more? Simply click the relevant icon.
# Hardware specifications

## Dell Wyse V10LE and V30LE thin clients.

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<tr>
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<th>Via C7 Eden 1.2GHz</th>
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<td>128MB Flash / 512MB DDR2 RAM (Dell Wyse ThinOS)</td>
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<td></td>
<td>128MB Flash / 512MB DDR2 RAM (Windows CE)</td>
</tr>
<tr>
<td>I/O peripheral support</td>
<td>One DVI-I port</td>
</tr>
<tr>
<td></td>
<td>One DVI-I port to VGA (DB-15) adapter</td>
</tr>
<tr>
<td></td>
<td>Dual-video support with:</td>
</tr>
<tr>
<td></td>
<td>Optional DVI-I to DVI-D plus VGA-monitor splitter cable (sold separately)</td>
</tr>
<tr>
<td></td>
<td>Enhanced PS/2 keyboard with Windows keys</td>
</tr>
<tr>
<td></td>
<td>PS/2 optical mouse included</td>
</tr>
<tr>
<td></td>
<td>One serial port</td>
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<tr>
<td></td>
<td>One parallel port</td>
</tr>
<tr>
<td></td>
<td>Three USB 2.0 ports (1 on front, 2 on back)</td>
</tr>
<tr>
<td>Networking</td>
<td>10/100 Base-T Fast Ethernet twisted pair (RJ-45)</td>
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<td></td>
<td>Optional external USB 802.11 b/g wireless adapter</td>
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<tr>
<td>Factory options</td>
<td>Internal Smart Card reader</td>
</tr>
<tr>
<td></td>
<td>Internal wireless option eliminates theft of external wireless adapters</td>
</tr>
<tr>
<td></td>
<td>CardBus / PCMCIA card slot</td>
</tr>
<tr>
<td>Display</td>
<td>VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate</td>
</tr>
<tr>
<td></td>
<td>Single monitor at 32bpp color: up to 1920 x 1200 (Dell Wyse ThinOS), 1920 x 1440 (Windows CE) dual monitors used simultaneously (requires optional monitor splitter cable) at 32bpp color: up to 1280 x 1024 (Dell Wyse ThinOS), 1680 x 1050 (Windows CE)</td>
</tr>
<tr>
<td>Audio</td>
<td>Output: 1/8-inch mini jack full 16 bit stereo, 48 KHz sample rate</td>
</tr>
<tr>
<td></td>
<td>Input: 1/8-inch mini jack, 8 bit microphone</td>
</tr>
<tr>
<td>Physical characteristics</td>
<td>Height: 7.9 inches (201mm)</td>
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<tr>
<td></td>
<td>Width: 1.8 inches (46mm)</td>
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<tr>
<td></td>
<td>Depth: 7.1 inches (180mm)</td>
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<tr>
<td>Shipping weight</td>
<td>8 lbs. (3.6kg)</td>
</tr>
<tr>
<td>Mountings</td>
<td>Vertical foot (optional horizontal feet)</td>
</tr>
<tr>
<td></td>
<td>Optional VESA mounting bracket</td>
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<tr>
<td>Power</td>
<td>Worldwide auto-sensing 100-240 VAC, 50/60 Hz</td>
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<tr>
<td></td>
<td>Average power usage with device connected to 1 keyboard with 1 PS/2 mouse and 1 monitor: 13.2 Watts/hour</td>
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<tr>
<td>Temperature range</td>
<td>Horizontal position: 50° to 95° F (10° to 35° C)</td>
</tr>
<tr>
<td></td>
<td>Vertical position: 50° to 104° F (10° to 40° C)</td>
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<tr>
<td>Humidity</td>
<td>20% to 80% non-condensing</td>
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<td>Security</td>
<td>Kensington lock slot</td>
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<tr>
<td>Safety certifications</td>
<td>German EKI-ITB 2000, ISO 9241-3/-8</td>
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<td>cULus 60950, TUV-GS, EN 60950</td>
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<td></td>
<td>FCC class B, CE, VCCI, C-Tick</td>
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<td>WEEE, RoHS compliant</td>
</tr>
<tr>
<td>Warranty</td>
<td>Three-year hardware warranty</td>
</tr>
</tbody>
</table>
# Software specifications: Dell Wyse ThinOS 7.1

## Citrix HDX ready client ICA 12 compatible
- UDP Audio
- Improved media flow control
- HDX plug-n-play
- Flash (server rendered)
- Progressive Display
- HDX IntelCache
- Session reliability
- Access Gateway Support (direct LDAP or RSA authentication)
- Support for L-shaped desktop (and other rotated monitor set up)
- Granular control on HDX USB redirected devices

## RDP 7.1 compatible client
- Optimized for Windows 7
- Rich Multimedia (TS MMR)
- Up to 32-bit color depth connections
- RDP7 Bi-directional audio
- Flash Video support (with TCX)
- Broad USB Support (with Dell Wyse TCX) - Smartcard authentication and redirection
- WAN Acceleration (with Dell Wyse VDA)

## VMware View 4.5 client
- Smartcard Authentication
- SecureID Authentication
- MultiMedia Support (with TCX)
- Bi-directional Audio (with TCX)
- WAN Acceleration (with VDA)

## Roaming smart card vendor support
Enables smart card users to not only roam from station to station but also access the same virtual environment regardless of which station they are connecting from. ThinOS provides ‘out-of-the-box’ smart card support for vendors such as Gemalto, NET, Aladdin, and ActivIdentity – supported within Citrix, VMware and Microsoft environments. Users benefit from secure login and roaming desktop support so they can access their environments from any suitably equipped Dell Wyse thin computing environment. DoD CAC supported.

## Dell Wyse TCX Suite
Dell 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, even on terminal servers!
- Rich Sound: receive and transmit high quality audio without compromise.
- Flash Acceleration: helps users to experience improved Flash performance.

## Dell Wyse TCX Suite virtualization software
- Support for Microsoft RDS broker (including RemoteApp)
- RDP7 Multimedia
- True Multi-Monitor Support
- SSL Tunneling
- Restart VM
- Broad USB Support (with TCX)
- Flash Video support (with TCX)
- WAN Acceleration (with VDA)

## Dell 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 performance 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 Dell Wyse Device Manager.

## Security built in
- With no published API ThinOS is inherently secure from viruses and malware.
- ThinOS includes robust wired and wireless 802.1x support, with secure encryption for simple installation and management.
- DoD CAC supported.
- Although there is no local file system, certifications and configuration data can be stored locally. Leveraging AES 128 bit encryption, with a random number generator, any local data will be secure.

## Server OS infrastructure support
- Citrix XenDesktop 4.0 – 5.5
- Citrix XenApp 4.5 – 6.5
- Citrix Presentation Server
- Microsoft Windows Terminal Server 2003 & 2008/R2
- VMware View 4.0 – 5.0
- Support for other leading VDI brokers (Quest Software, Leostream, etc)
## Software specifications
Microsoft Windows CE 6.0 WFR3

<table>
<thead>
<tr>
<th>Firmware features</th>
<th>1 GHz Via C7 Processor</th>
</tr>
</thead>
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<td>128MB Flash / 512MB RAM</td>
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<tbody>
<tr>
<td>Microsoft Windows CE 6.0 WFR3</td>
</tr>
<tr>
<td>Microsoft Internet Explorer 6.0 resident: HTML, JavaScript, XML, Active X as custom</td>
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<tr>
<td>Citrix ICA 10.x resident</td>
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<tr>
<td>Citrix Web Interface</td>
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<tr>
<td>RDP 6.0 resident</td>
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<tr>
<td>VMware View Client Resident</td>
</tr>
<tr>
<td>CCID compliant Smart Card Readers support</td>
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<tr>
<td>Ericom PowerTerm InterConnect Terminal Emulation</td>
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<tr>
<td>Ericom PowerTerm WebConnect client</td>
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<tr>
<td>Jetset 5.0</td>
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<tr>
<td>Media Player 9.0</td>
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<tr>
<td>Terminal Services Advanced Client (TSAC)</td>
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<tr>
<td>ThinPrint ICAVC and Thinprint RDP</td>
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<tr>
<td>VNC support in CE 6.0</td>
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<td>WinCE 6 eStar B category certification</td>
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<th>Protocol support</th>
<th>TCP/IP, DNS, DHCP, PXE, PPP, PC/SC and ISO-7816 smart-card support</th>
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<td>Management</td>
<td>Remote management, configuration and upgrades through Dell Wyse Device Manager</td>
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<tr>
<td></td>
<td>Send messages</td>
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<td></td>
<td>Complete image upgrade</td>
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<td></td>
<td>Wake terminal remotely (Wake-on LAN)</td>
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<td></td>
<td>Terminal configuration (IP information, etc)</td>
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<tr>
<td></td>
<td>Remote screen shadowing of entire desktop (Dell Wyse Remote Shadow)</td>
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<td></td>
<td>Reporting</td>
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<td>Altiris deployment via add-on</td>
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<th>802.11 b/g/n support with internal wireless adapter</th>
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<tbody>
<tr>
<td></td>
<td>IEEE 802.1X</td>
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<tr>
<td></td>
<td>WEP, WPA, and WPA-2 wireless authentication</td>
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<td></td>
<td>Internal WiFi default encryptions: MD5, PAP, TLS</td>
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<tr>
<td></td>
<td>Supports USB wireless adapters from: Cisco, D-Link, Netgear, US Robotics, Trendware</td>
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<tr>
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Contact Dell Wyse.

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1-800-438-9973

International customers please dial:
00 1 408 473 1200

Dell Wyse Support Portal
Dell Wyse Support Portal provides a fast and accurate way to communicate interactively with Dell Wyse Customer Support, and helps us respond to your requests more quickly.
http://support.wyse.com/selfservice.html

Dell Wyse offers cloud client computing sales, service and support expertise around the globe. Click for contact details.

About Dell
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Versatility and performance
Reflecting the needs of ever changing desktop environments the Dell Wyse V class range has the expandability, power and performance to match.

Driven by powerful energy saving Via C7 Eden processors the Dell Wyse V class range of cloud clients present an all-round high performance and versatile desktop computing platform. Adding an extra monitor is simple with built-in dual video support. Expanding functionality is straightforward with an optional PC-card expansion slot.

Choose between the speed, ease and administrative simplicity of Dell Wyse ThinOS and the robust functionality of Microsoft Windows CE.

Secure desktop computing
Choose the WiFi wireless options to deploy the Dell Wyse V class across range of desktop environments without compromising data security. And, just like all Dell Wyse cloud clients, they don’t have hard drives, so all your users’ data remains safely on the server, eliminating the risks from data loss or malicious viruses. A unique monorail mounting system allows mounting discretely under desks, to walls and even to the rear of desktop monitors.

Virtualization software
The Dell Wyse V class is well suited to take advantage of Dell Wyse TCX Suite of virtualization software.

Choice of operating systems
The Dell Wyse V class is available with Dell Wyse ThinOS and Microsoft Windows CE.

At a glance
Performance Via C7 Eden 1.2GHz processors feature inside every Dell Wyse V class delivering excellent performance with low energy use.
Connectivity The Dell Wyse V class supports fixed and wireless networking, serial, video, sound and smart card connectivity.
Mounting options Supplied with a vertical foot as standard and optional horizontal standing feet. Can also be mounted to walls, under desks and to the rear of monitors.
Green Draws just between 13 to 15 watts of power when connected to one keyboard, PS/2 mouse and monitor.
Management Features Dell Wyse Device Manager (workgroup edition).
Virtualization Delivers the best user experience through full support for the Dell Wyse TCX Suite of virtualized desktop enhancement software and Dell Wyse VDA – acceleration software that reduces the effects of network latency.
Dell Wyse ThinOS Fast booting, easy management, secure and with Smart Card support.
Microsoft Windows CE 6.0 WFR3 Ideal for departments and organizations that need simple support for Citrix ICA and Microsoft RDP.

Versatility on your desktop
### Specification

**Dell Wyse V10LE and V30LE thin clients**

<table>
<thead>
<tr>
<th><strong>Processors</strong></th>
<th>Via C7 Eden 1.2GHz</th>
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| **Memory**     | 128MB Flash / 512MB DDR2 RAM (Dell Wyse ThinOS)  
128MB Flash / 512MB DDR2 RAM (Windows CE) |
| **I/O peripheral support** | One DVI-I port  
One DVI-I port to VGA (DB-15) adapter  
Dual-video Support with:  
Optional DVI-I to DVI-D plus VGA-monitor splitter cable (sold separately)  
Enhanced PS/2 keyboard with Windows keys  
PS/2 optical mouse included  
One serial port, and one parallel port  
Three USB 2.0 ports (1 on front, 2 on back) |
| **Networking** | 10/100 Base-T fast Ethernet twisted pair (RJ-45)  
Optional external USB 802.11 b/g wireless adapter |
| **Factory options** | Internal Smart Card reader  
Internal wireless option eliminates theft of external wireless adapters  
CardBus / PCMCIA card slot |
| **Display** | VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate  
Single monitor at 32bpp color: up to 1920 x 1200 (Dell Wyse ThinOS), 1920 x 1440 (Windows CE)  
dual monitors used simultaneously (requires optional monitor splitter cable) at 32bpp color:  
up to 1280 x 1024 (Dell Wyse ThinOS), 1680 x 1050 (Windows CE) |
| **Audio** | Output: 1/8-inch mini jack full 16 bit stereo, 48KHz sample rate  
Input: 1/8-inch mini jack, 8 bit microphone |
| **Physical characteristics** | Height: 7.9 inches (201mm)  
Width: 1.8 inches (46mm)  
Depth: 7.1 inches (180mm) |
| **Shipping weight** | 8 lbs. (3.6kg) |
| **Mountings** | Vertical foot (optional horizontal feet)  
Optional VESA mounting bracket |
| **Power** | Worldwide auto-sensing 100-240 VAC, 50/60 Hz  
Average power usage with device connected to  
1 keyboard with 1 PS/2 mouse and 1 monitor: 13.2 Watts |
| **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% non-condensing |
| **Security** | Kensington lock slot |
| **Safety 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 |
| **Warranty** | Three-year limited warranty |

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**Learn more:** Contact Dell Wyse at sales@wyse.com or call 1-800-438-9973