Wyse Windows® Embedded Standard 7 thin clients

Dell cloud client-computing solutions

Performance, reliability and flexibility of Windows® 7 in a thin client

Learn more here:
Introducing Windows® Embedded Standard 7 thin clients

Power and flexibility of Windows® 7 in a thin client

For virtual desktops end users and IT will love
Combine the performance, reliability and flexibility of Windows® Embedded Standard 7 with the security, ease of management, and cost-savings of powerful Wyse thin clients.

Windows® Embedded Standard 7
is better with Wyse thin clients:

Secure from the desktop to the data center
• Wyse thin clients are far more secure than PCs with an extremely small attack surface
• Can be locked down as single purpose endpoints
• Support a wide range of user authentication methods
• Apps and content are protected in the data center

Great to use
Wyse thin clients deliver a fast, rich, familiar Windows® 7 user experience:
• Windows® 7 user interface for VDI, local internet, and local apps
• Connectivity to a broad range of Windows® applications and peripherals
• Power to drive rich, fluid graphics locally or via VDI protocols: Microsoft® RemoteFX, Citrix® HDX

Highly scalable and easy to manage
Management software that scales as you grow from just a few to tens of thousands of thin clients:
• Wyse Device Manager – easy, remote management and monitoring; no need to ever visit endpoints
• Wyse Configuration Manager – automatic, server-less configuration management
• Manage with your existing Microsoft® System Center Configuration Manager 2012 SP1

Wyse thin clients
Wyse offers a variety of hardware form factors with dual or quad core options to suit your budget, application, and performance needs. Click the images to learn more.

Quick compare

Specifications

Wyse 3000 series
Wyse 5000 series
Wyse 7000 series
Wyse 7400 series mobile thin client

Wyse 3000 series
 Powerful and flexible
Wyse 5000 series
 Higher multi-core performance
Wyse 7000 series
 When performance and versatility matter
Wyse 7400 series mobile thin client
 Mobility & Performance

Learn more.

Dell.com
Dual and quad core platforms, including mobile thin clients address a wide range of budget, application, and performance needs.

**Wyse 3000 series**
- **Powerful & flexible**
  - For task workers and knowledge workers running a broad variety of education or business apps, including multimedia

**Wyse 5000 series**
- **Higher multi-core performance**
  - For knowledge workers and power users with demanding virtual desktop applications.

**Wyse 7000 series**
- **When performance & versatility matter**
  - For power users who demand the best performance and connectivity with a wide range of peripherals

**Wyse 7400 series mobile thin client**
- **Mobility & performance**
  - For mobile workers - anywhere access to apps and corporate resources
Wyse Intel-embedded 3000 series thin clients

Features

Power and flexibility in a small package
With a dual core Intel embedded CPU and offering a choice of up to five different connectivity options, the new Intel-based dual core 3000 series thin client can enhance user productivity throughout an organization. Compact yet powerful, this thin client can fit almost anywhere. Consuming less than 6 watts, it requires very little energy while offering great capability across a broad spectrum of use cases.

3290 thin client
The dual core Intel-based 3290 thin client offers many things to many people. That’s because it packs a powerful dual core Intel embedded CPU coupled with a broad choice of interface and connectivity options. The end result is an extremely flexible thin client that delivers an outstanding user experience almost anywhere. It sets a new standard for thin client power and flexibility in a very compact and affordable package.

Don’t forget the monitor!
One Dell monitors are tested and verified to work with Wyse clients. Click here to see which award winning Dell monitors are compatible with this client.

See connectivity here.

Product page

Specifications
Wyse Intel-embedded 3000 series thin clients

Connectivity

**Serial port**

**USB 2.0 port**

**DVI-I port**

**Gigabit Ethernet**

**Dual band 802.11 a/b/g/n/ac wireless**

**2 USB 2.0 ports**

**1 USB 3.0 port**

**1 x DVI-I + 1 x DVI-D**

**Four factory selectable options:**

1. **1 x DVI-I + serial + RJ45 + WiFi** (shown)
2. **1 x DVI-I + serial + RJ45**
3. **2 x DVI + SFP**
4. **2 x DVI + RJ45 + WiFi**

**Product page**

**Specifications**
Wyse 5000 series thin clients Features

When performance really matters

Offering a choice of a dual or quad core AMD APU in a compact chassis, the 5000 series provides a fast, rich Windows® Embedded Standard 7 experience for demanding knowledge workers and power users. With its extremely compact size and high performance, it's great as a VDI endpoint, and for digital signage and kiosks. Consuming as little as 9 watts of energy, the 5000 series offers cool, quiet operations and contributes to reducing your overall carbon footprint.

5290-D90D7
The dual core 5290-D90D7 handles knowledge workers' demanding Windows® virtual desktops and cloud applications, including rich content creation and consumption, HD video, unified communications, and 3D graphics.

Digital signs and kiosk displays for a wide variety of industries – i.e. manufacturing, hospitality, retail, and healthcare – look great on a thin client that is Microsoft® RemoteFX, Citrix® HDX, VMware PCoIP, and HD video enabled.

5490-D90Q7
The 5490-D90Q7 delivers super-fast performance for those power users who need even higher-end graphics for advanced graphics intensive applications, such as computer aided design, 3D modeling, and multi-stream HD video.

Don't forget the monitor!
Only Dell monitors are tested and verified to work with Wyse clients. Click here to see which award winning Dell monitors are compatible with this client.

See connectivity here.
Wyse 5000 series thin clients

Connectivity

- 2 USB 2.0 ports
- Gigabit Ethernet
- Kensington lock slot (Lock and cable sold separately)
- DVI-I port
- DisplayPort
- Dual Band 802.11 wireless (factory option)

Rear view 5290-D90D7

Rear view 5490-D90Q7

Specifications

Product page

Dell.com
Ultra high performance, versatile connectivity

With so much power and so many familiar peripherals at their fingertips, the most demanding knowledge workers and power users will love the Wyse 7000 series. The series offers single, dual, and quad core AMD CPUs with integrated graphics engines with the broadest range of fast, flexible connectivity options. Users will enjoy using their favorite legacy and cutting edge peripherals while working with demanding, graphics intensive applications.

Multiple USB 3.0 and USB 2.0 ports are standard. There is an optional legacy connectivity module for serial, parallel, and PS/2 connections. Dual core models include a regular or extended hardware form factor that offers connectivity to practically any Windows peripheral, the ultimate in versatility.

Using as little as 15 watts, the 7000 series is one cool, quiet operator and contributes to lowering your overall carbon footprint.

7290-Z90D7 Knowledge workers and power users will enjoy the dual core 7290-Z90D7’s high performance for demanding Windows® virtual desktop and cloud applications, including rich content creation and consumption, HD video, unified communications, and 3D graphics.

7490-Z90Q7 The quad core 7490-Z90Q7 delivers the best performance for power users who need even higher-end graphics, or graphics intensive workloads. The 7490-Z90Q7 offers the best performance for displaying, manipulating and working with stunning high definition, multimedia, 2D/3D graphics, HD video, computer aided design and modeling.

7490-Z90QQ7p The 7490-Z90QQ7p adds even greater display connectivity with four digital display interfaces (3 DisplayPort and 1 DVI-I).

It’s ideal for financial traders, media editors, design engineers and anyone else needing up to six directly-connected high-resolution displays, with 3840 x 2160px over four displays and 2560 x 1600px over six displays.

Don’t forget the monitor!

Only Dell monitors are tested and verified to work with Wyse clients. Click here to see which award winning Dell monitors are compatible with this client.

7000 series connectivity here.
7295-Z90DE7 connectivity here.

Product page
7000 series
Specifications
7295-Z90DE7
Specifications
Wyse 7000 series Connectivity

**7290-Z90D7**
- Rear view
- DM-I port
- Dual Band 802.11 Wireless (factory option)
- DisplayPort
- 2 USB 0 ports
- 2 USB 3.0 ports
- Networking
- Kensington lock slot (sold separately)

**7290-Z90D7**
- Front view
- Output: Digital audio
- Input: 8 bit stereo microphone
- 2 USB 2.0 ports

**Legacy connectivity option**
- 2 serial ports
- PS/2 port
- Parallel port for printer connection

**7490-Z90Q7 and 7490-Z90QQ7p**
- Rear view
- Dual Band 802.11 Wireless (factory option)
- DisplayPort
- 2 USB 3.0 ports
- Networking
- Kensington lock slot (sold separately)

**7490-Z90Q7 and 7490-Z90QQ7p**
- Front view
- DisplayPort
- 2 USB 3.0 ports
- DisplayPort
- 2 USB 2.0 ports
- Networking
- Composite audio port
- 2 USB 2.0 ports

**Output:** Digital audio

**Input:** 8 bit stereo microphone

**2 USB 2.0 ports**

**2 USB 3.0 ports**

**Networking**
- Kensington lock slot (sold separately)

**7000 series Specifications**

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Dell.com
The 7295-Z90DE7, the most versatile 7000 series, offers maximum connectivity to practically any Windows peripheral device, including: bar code scanners, single-sign-on devices, and multi-factor authentication solutions—all offered by Wyse partners.

In addition to the standard 7000 series connectivity, it includes an optional PCIe 2.0 slot. It also has an integrated smart card reader and supports up to eight displays.
Wyse 7400 series mobile thin clients

For today’s demanding, mobile workforce.

Wyse 7400 series mobile thin client puts secure, high performance, mobile cloud computing into the hands of those users who need it most. Now you can get all of the security you crave – with all the access, flexibility and performance you need. Wherever you choose to work.

The Wyse 7492-X90M7 features a crisp 14” LED backlit display and a dual core high performance APU - delivering excellent HD multimedia capabilities in a highly mobile form factor.

**AMD G-Series T-56N Dual Core processor**

The AMD Embedded G-Series platform is the world’s first low power processor and advanced GPU that’s integrated into a single embedded Accelerated Processing Unit (APU).

7492-X90M7 connectivity.
Wyse 7400 series mobile thin clients
Connectivity (7492-X90M7)

- Built-in WiFi 802.11 a/b/g/n
- Audio Out: 1/8-inch mini jack, 16 bit stereo
- Gigabit Ethernet port
- One USB 2.0 port
- Audio In: 1/8-inch mini jack, 8 bit stereo microphone
- Audio Out: 1/8-inch mini jack, 16 bit stereo
- Kensington lock slot
- Built-in 1.3 mega pixel camera and microphone
- Media card reader
- ExpressCard slot (factory option)
- 2 USB 3.0 ports
- DisplayPort video out
- VGA video out
- 14" LED backlit display
A great user experience for both everyday and demanding workloads

Wyse Windows® Embedded Standard 7 thin clients offer an outstanding user experience out of the box. For users with demanding multimedia, performance, and remote access needs, Wyse offers the following virtualization software packages.

**Wyse TCX Suite**
Boost multimedia performance on Wyse cloud clients without taxing your server resources.

Learn more here.

**Wyse Virtual Desktop Accelerator**
Improve the experience for remote users with enhanced WAN performance.

Learn more here.
Easy Central Management
With Wyse or Microsoft management software, Wyse Windows® Embedded Standard 7 thin clients can be managed in one place, regardless of where they are located. IT won’t need to visit or touch endpoints. These solutions scale as you grow from just a few to tens of thousands of endpoints.

Manage with Wyse Device Manager
An easy, secure, and highly scalable, central thin and zero client management solution, Wyse Device Manager (WDM) can lower total cost of ownership of large deployments for your small organization or enterprise.

WDM features:
• Centralized, remote management for over 100,000 thin and zero clients
• Secure encrypted communications to every endpoint
• Policy-based configuration management, real-time asset management, automated firmware patches and updates, and health monitoring make managing cloud clients easy.

Wyse Configuration Manager
For installations without dedicated IT management teams, Wyse Configuration Manager (WCM) enables thin clients to configure themselves for end users or as ‘locked-down’, single-purpose kiosks. Just select or create a configuration with the WCM GUI and your clients do the rest. No reimaging, rebooting, or touching required. WCM is free with all Windows® Embedded Standard 7 thin clients.

Manage with Microsoft® System Center Configuration Manager
Wyse Windows® Embedded Standard 7 thin clients are fully integrated with Configuration Manager 2012 Service Pack 1 so you can continue using a single console for all of your networked devices and familiar configuration manager tools.
# Windows® Embedded Standard 7 Specifications

## Firmware features
- Microsoft Windows® Embedded Standard 7
- Microsoft Internet Explorer® 11: HTML, JavaScript, XML
- Citrix Receiver 14.1.2.3
- Microsoft RemoteFX® (RDP8.1)
- VMware Horizon View Client 3.0.0.19696
- Dell Quest vWorkspace 8
- Ericom PowerTerm InterConnect Terminal Emulation
- Windows® Media Player

## Server OS Infrastructure support
- Citrix XenApp / Citrix Presentation Server
- Citrix XenDesktop
- Microsoft VDI

## Security
- BitLocker Drive Encryption (with WES 7p option)
- TPM hardware encryption supported (with WES 7p option)
- UEFI specifications supported
- Requires strong default password for the default user & administrator
- Windows® Firewall enabled by default
- Auto-run of (local) USB devices disabled by default

## Set-up and configuration
- Boot from local flash
- Microsoft Windows® Embedded Standard 7 user interface languages: Many language options, including English, French and German

## 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 and Microsoft System Center Configuration Manager 2012 Service Pack 1
- Configuration Management with Wyse Configuration Manager (WCM)
- Complete image upgrade

## Wireless support
- 802.11 a/b/g/n support with dual band external wireless adapter or single band 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 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.
  - 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.

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

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*Requires hardware support
### Wyse Intel embedded 3000 series Hardware specifications

#### Processors
- Intel Celeron N2807 1.6 GHz dual core processor

#### Graphics
- Embedded

#### Memory
- Standard: 16GB Flash, 4GB RAM DDR3-1333 MHz

#### Display
- VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate
- Single and dual display: 1920 x 1200 at 32bpp

#### Networking/Comm
- 10/100/1000 Base-T Gigabit Ethernet
- Optional single and dual band 802.11 a/b/g/n/ac integrated wireless with external dual antenna
- Optional SFP module support for Fiber NIC connectivity (mutually exclusive with RJ45 connector)

#### Security compliance
- Security protocols supported for both wireless, and 802.1x network based authentication: EAP-TLS; EAP-LEAP; EAP-PEAP; EAP-MSCHAPv2; EAP-GTC; WEP; WPA Personal; WPA2 Personal; WPA Enterprise; WPA2 Enterprise

#### I/O peripheral support
- Default configuration: 1 x DVI-I + 1 x DVI-D
- One SuperSpeed USB 3.0 ports on the front (backwards-compatible with USB 2.0)
- Three external USB 2.0 ports (1 front, 2 back)
- Optional serial port
- Four interface options available:
  - 1 x DVI-I + serial + RJ45 + WiFi
  - 2 x DVI-I + SFP
  - 2 x DVI + RJ45 + WiFi

#### Audio
- Composite audio jack: 1/8-inch mini, 16-bit stereo / Internal mono speaker

#### In the box
- Wyse 3000 series Intel-based dual core thin client
- Dell USB keyboard with Windows Keys (104 keys) included in the U.S. and sold separately outside the U.S. (availability varies by region)

#### Features
- USB optical mouse
- Quick Start Guide
- Vertical feet

#### Factory options
- Single and dual band 802.11 a/b/g/n/ac integrated wireless with external dual antenna
- SFP module support for Fiber NIC network (mutually exclusive with RJ45 connector)
- One serial port (mutually exclusive with one DVI-I port)

#### Mountings
- Vertical feet, standard
- Optional VESA mounting bracket

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

#### Dimensions (H x W x D)
- Without stand: 187mm x 29mm x 117mm (7.37 in x 1.15 in x 4.61 in)
- With stand: 197.5mm x 69mm x 117mm (7.78 in x 1.15 in x 4.61 in)

#### Power consumption
- Less than 6 watts (average)

#### Temperature range
- Operating, vertical position: 32° to 104° F (10° to 40° C)
- Storage: 14° to 140° F (-10° to 60° C)

#### Humidity
- 20% to 80% condensing / 10% to 95% non-condensing

#### Certifications
- Ergonomics: German EKI-ITB 2000, ISO 9241-3/-8 Safety: cULus 60950, TÜV-GS, EN 60950 RF Interference: FCC Class B, CE, VCCI, C-Tick Environmental: WEEE, RoHS Compliant

#### Warranty
- Three-year Limited Hardware Warranty
- Optional 4 or 5 year extension
- Optional 3 or 5 year Advance Exchange Service

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**Power**

- Worldwide auto-sensing 100-240 VAC, 50/60 Hz 65W, 19V DC
- Energy Star V.5.2 Phase V external and EuP compliant power adapter

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**Audio**

- Composite audio jack: 1/8-inch mini, 16-bit stereo / Internal mono speaker
- Dell USB keyboard with Windows Keys (104 keys) included in the U.S. and sold separately outside the U.S. (availability varies by region)
Wyse 5000 series Hardware specifications

**Processors**
- 5290-D90D7: AMD G-Series T48E Dual Core 1.4GHz with integrated AMD Radeon™ HD 6250 graphics
- 5490-D90Q7: Quad core AMD G-Series SoC 1.5 GHz

**Memory**
- 16GB Flash / 4GB RAM DDR3
- Optional SSD storage also supported

**Graphics**
- 5290-D90D7: AMD Radeon™ HD 6250 graphics (Integrate with APU)
- 5490-D90Q7: AMD Radeon HD graphics (Integrate with APU)

**Display**
- VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate
- DisplayPort: 2560 x 1600 at 32bpp / DVI-I: 1920 x 1200 at 32bpp
- Dual display: 1920 x 1200 at 32bpp / Supports dual digital high-resolution displays

**Networking/Comm**
- 10/100/1000 Base-T Gigabit Ethernet
- Optional single and dual band 802.11 a/b/g/n integrated wireless with external dual antenna
- Optional RJ45 connector or SFP module support for Fiber NIC connectivity
- Optional Bluetooth connectivity

**Security compliance**
- Security compliance: Security protocols supported for both wireless, and 802.1x network-based authentication: EAP-TLS, EAP-LEAP, EAP-PEAP, EAP-MSCHAPv2, EAP-GTC, WEP, WPA Personal, WPA2 Personal, WPA Enterprise, WPA2 Enterprise

**I/O peripheral support**
- One DisplayPort (optional DisplayPort to DVI-I adapter, sold separately)
- One DVI-I port. DVI to VGA (DB-15) adapter included
- Four external USB 2.0 ports (2 front, 2 back)
- Serial and parallel connectivity supported through USB 2.0 adapters
- Composite audio jack: 1/8-inch mini, 16-bit stereo
- Two SuperSpeed USB 3.0 ports on rear (backwards-compatible with USB 2.0)

**Audio**
- Composite audio jack: 1/8-inch mini, 16-bit stereo / Internal mono speaker

**Included**
- Enhanced USB keyboard with Windows keys (104 keys) and PS/2 mouse port
- PS/2 optical mouse / Vertical feet

**Factory options**
- SSD storage
- Single and dual band 802.11 a/b/g/n integrated wireless with external dual antenna / RJ45 connector or SFP module support for Fiber NIC network connectivity / Bluetooth connectivity

**Mountings**
- Vertical feet, standard
- Optional VESA mounting bracket for mounting to flat surfaces, such as walls
- Please note: 5000 series clients cannot mount directly to the backs of monitors
- Optional Ergotron mounting stand for mounting with Dell monitors

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

**Dimensions**
- Height: 6.7 inches (170 mm) / Width: 1.6 inches (40 mm)
- Depth: 7.3 inches (185 mm) / Weight: 2.05 lbs. / 0.93 kg

**Power**
- Worldwide auto-sensing 100-240 VAC, 50/60 Hz 65W, 19V DC
- Energy Star V.5.2 Phase V external and EuP compliant power adapter

**Power consumption**
- 5290-D90D7: Under 9 watts (average)

**Temperature range**
- Operating, vertical position: 32° to 104° F (10° to 40° C)
- Storage: 14° to 140° F (-10° to 60° C)

**Humidity**
- 20% to 80% condensing / 10% to 95% non-condensing

**Certifications**
- Ergonomics: German EKI-ITB 2000, ISO 9241/-3/-8
- Safety: cULus 60950, TÜV-GS, EN 60950
- RF Interference: FCC Class B, CE, VCCI, C-Tick
- Environmental: WEEE, RoHS Compliant
- 5290-D90D7: Energy Star®, EPEAT Silver listed

**Warranty**
- Three-year Limited Hardware Warranty*
- Optional WyseChoice extensions and upgrades at http://www.wyse.com/warranties

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5000 series Features

Start Introduction Compare Virtualization Management Specifications Appendix Contact Dell.com
### Wyse 7000 series Hardware specifications

#### Processors
- 7290-Z90D7: Dual-core AMD G-T56N 1.65 GHz
- 7490-Z90Q7: Quad core AMD G-series SoC 2.0GHz

#### Memory
- 16GB Flash / 4GB RAM DDR3
- Optional 33D storage also supported

#### Graphics
- 7090-Z90S7: AMD Radeon™ HD 6310 graphics (integrated with APU)
- 7290-Z90D7: AMD Radeon™ HD 6320 graphics (integrated with APU)
- 7490-Z90Q7: AMD Radeon™ HD graphics (integrated with APU)

#### Display
- VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate
- DisplayPort: 2560 x 1600 at 32bpp / DVI-I: 1920 x 1200 at 32bpp
- Dual display: 1920 x 1200 at 32bpp / Supports dual digital high-resolution displays

#### Audio
- Network/Comm
- 10/100/1000 Gigabit Ethernet
- Optional internal wireless 802.11 a/b/g and dual-band n / Optional Bluetooth connectivity

#### Security compliance
- Security compliance: Security protocols supported for both wireless, and 802.1x network based authentication: EAP-TLS, EAP-LEAP, EAP-PEAP, EAP-MSCHAPv2, EAP-GTC, WEP, WPA Personal, WPA2 Personal, WPA Enterprise; WPA2 Enterprise
- 7290-Z90D7P: Optional Built-in TPM chip for security

#### I/O peripheral support
- One DisplayPort (optional DisplayPort to DVI-D adapter, sold separately)
- One DVI-I port, DVI to VGA (DB-15) adapter included
- Four USB 2.0 ports (two front, two rear)
- Two SuperSpeed USB 3.0 ports on rear (backwards-compatible with USB 2.0)
- Optional legacy connectivity (adds 2 serial ports, 1 parallel port and 1 PS/2 port)
- One Mic In / One Line Out

#### Audio
- Output: 1/8-inch mini jack, full 16-bit stereo, 48KHz sample rate; Digital audio output
- Input: 1/8-inch mini jack, 8-bit microphone / Internal mono speaker

#### Included
- Enhanced USB keyboard with Windows Keys (104 keys) and PS/2 mouse port included in the U.S. and sold separately outside the U.S.

#### Factory options
- SSD storage
- Internal wireless 802.11 a/b/g and dual-band n

#### Bluetooth connectivity
- Legacy connectivity (adds 2 serial ports, 1 parallel port and 1 PS/2 port)

#### Mountings
- Vertical feet, standard. Optional horizontal feet
- Optional VESA mounting bracket for mounting to flat surfaces, such as walls
- Please note: 7000 series clients cannot mount directly to the backs of monitors
- Optional Ergotron mounting stand for mounting with Dell monitors

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

#### Dimensions
- Height: 7.87 inches (200 mm) / Width: 1.85 inches (47 mm)
- Depth: 8.85 inches (225 mm) / Weight: 2.42 lbs (1.1kg)

#### Shipping weight
- 6 lbs. (2.7kg)*

#### Power
- Worldwide auto-sensing 100-240 VAC, 50/60 Hz
- Energy Star V.5.2 Phase V compliant power supply

#### Power consumption
- 7090-Z90S7, 7290-Z90D7: Under 15 watts (average)

#### Temperature range
- Horizontal position: 50° to 95° F (10° to 35° C)
- Vertical position, power button up: 50° to 104° F (10° to 40° C)
- Storage: 14° to 140° F (-10° to 60° C)

#### Humidity
- 20% to 80% condensing / 10% to 95% non-condensing

#### Certifications
- Ergonomics: German EKI-ITB 2000, ISO 9241-3/-8
- Safety: cULus 60950, TÜV-GS, EN 60950
- Interference: FCC Class B, CE, VCCI, C-Tick
- Environmental: WEEE, RoHS Compliant
- 7090-Z90S7, 7290-Z90D7: Energy Star & EPEAT listed

#### Warranty
- Three-year Limited Hardware Warranty*
- Optional WyseChoice extensions and upgrades at www.wyse.com/warranties.

*See appendix for notes and guidance

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**Features**

- Bluetooth connectivity
- Optional VESA mounting bracket for mounting to flat surfaces, such as walls
- Please note: 7000 series clients cannot mount directly to the backs of monitors
- Optional Ergotron mounting stand for mounting with Dell monitors
- Built-in Kensington security slot (cable sold separately)
- 6 lbs. (2.7kg)*
- Worldwide auto-sensing 100-240 VAC, 50/60 Hz
- Energy Star V.5.2 Phase V compliant power supply
- Under 15 watts (average)
- Horizontal position: 50° to 95° F (10° to 35° C)
- Vertical position, power button up: 50° to 104° F (10° to 40° C)
- Storage: 14° to 140° F (-10° to 60° C)
- 20% to 80% condensing / 10% to 95% non-condensing
- 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 & EPEAT listed
- Three-year Limited Hardware Warranty*
- Optional WyseChoice extensions and upgrades at www.wyse.com/warranties.

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**Dell.com**
# Wyse 7000 series Hardware specifications for 7490-Z90QQ7p

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</tr>
<tr>
<td><strong>I/O peripheral support</strong></td>
<td>Three DisplayPort ports One DVI-I port, DVI to VGA (DB-15) adapter included Optional DisplayPort to DVI-D adapter sold separately Six total USB ports: Four USB 2.0 ports (two front, two rear) and two SuperSpeed USB 3.0 ports on rear (backwards-compatible with USB 2.0)</td>
</tr>
<tr>
<td><strong>Included</strong></td>
<td>Enhanced USB keyboard with Windows Keys (104 keys) and PS/2 mouse port included in the U.S. and sold separately outside the U.S. PS/2 or USB optical mouse are also available and sold separately (availability varies by region)</td>
</tr>
<tr>
<td><strong>Mountings</strong></td>
<td>Vertical feet. Optional wall mounting bracket Please note: Z class clients cannot mount directly to the backs of monitors</td>
</tr>
</tbody>
</table>

## Dimensions
- Height: 7.87 inches (200 mm) / Width: 1.85 inches (47 mm) / Depth: 8.85 inches (225 mm)

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

## Temperature range
- Vertical position, power button up: 50° to 104°F (10° to 40°C) Storage: 14° to 140°F (-10° to 60°C)

## Humidity
- 20% to 80% condensing / 10% to 95% non-condensing

## Warranty

*See appendix for notes and guidance
### Wyse 7000 series Hardware specifications for 7295-Z90DE7

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Processors</strong></td>
<td>Dual-core AMD G-T56N 1.65 GHz</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>16GB Flash / 4GB RAM DDR3, optionally expandable to 32GB Flash / 4GB RAM</td>
</tr>
<tr>
<td><strong>Graphics</strong></td>
<td>AMD Radeon™ HD 6320 graphics (integrated with APU)</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate DisplayPort: 2560 x 1600 at 32bpp / DVI-I: 1920 x 1200 at 32bpp Dual display: 1920 x 1200 at 32bpp / Supports dual digital high-resolution displays Expandable up to 8 displays via the PCIe expansion slot One PCIe 2.0 slot capable of accommodating up to x16 PCIe card 7295-Z90DE7P supports single and multi-touch displays</td>
</tr>
<tr>
<td><strong>Audio</strong></td>
<td>Networking/Comm</td>
</tr>
<tr>
<td></td>
<td>10/100/1000 Gigabit Ethernet</td>
</tr>
<tr>
<td></td>
<td>Optional internal wireless 802.11 a/b/g and dual-band n / Optional Bluetooth connectivity</td>
</tr>
<tr>
<td><strong>Security compliance</strong></td>
<td>Security compliance: Security protocols supported for both wireless, and 802.1x network based authentication: EAP-TLS, EAP-LEAP, EAP-PEAP, EAP-MSCHAPv2, EAP-GTC, WEP, WPA Personal; WPA2 Personal; WPA Enterprise; WPA2 Enterprise 7295-Z90DE7P: Optional Built-in TPM chip for security</td>
</tr>
<tr>
<td><strong>I/O peripheral support</strong></td>
<td>One DisplayPort (optional DisplayPort to DVI-D adapter, sold separately)</td>
</tr>
<tr>
<td></td>
<td>One DVI-I port, DVI to VGA (DB-15) adapter included</td>
</tr>
<tr>
<td></td>
<td>Two SuperSpeed USB 3.0 ports on rear (backwards-compatible with USB 2.0)</td>
</tr>
<tr>
<td></td>
<td>Optional legacy connectivity (adds 2 serial ports, 1 parallel port and 1 PS/2 port) One Mic In / One Line Out Optional integrated smart card reader One PCIe 2.0 x4 with x16 slot, half card length, full height</td>
</tr>
<tr>
<td><strong>Audio</strong></td>
<td>Output: 1/8-inch mini jack, full 16-bit stereo, 48KHz sample rate; Digital audio out Input: 1/8-inch mini jack, 8-bit microphone / Internal mono speaker</td>
</tr>
<tr>
<td><strong>Included</strong></td>
<td>Enhanced USB keyboard with Windows Keys (104 keys) and PS/2 mouse port PS/2 optical mouse / Vertical feet</td>
</tr>
<tr>
<td><strong>Factory options</strong></td>
<td>SSD storage. Internal wireless B02.11 a/b/g and dual-band n Integrated smart card reader / Bluetooth connectivity Legacy connectivity - adds 2 serial ports, 1 parallel port and 1 PS/2 keyboard port 7295-Z90DE7P: Built-in TPM chip for security</td>
</tr>
<tr>
<td><strong>Mountings</strong></td>
<td>Vertical feet, standard. Optional horizontal feet Optional VESA mounting bracket for mounting to flat surfaces, such as walls Please note: 7000 series clients cannot mount directly to the backs of monitors Optional Ergotron mounting stand for mounting with Dell monitors</td>
</tr>
<tr>
<td><strong>Device security</strong></td>
<td>Built-in Kensington security slot (cable sold separately)</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>Height: 8.46 inches (215 mm) / Width: 2.72 inches (69 mm) / Depth: 8.85 inches (225 mm) / Weight: 3.5 lbs. (1.59 kg)</td>
</tr>
<tr>
<td><strong>Shipping weight</strong></td>
<td>6 lbs. (2.7kg)*</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>Worldwide auto-sensing 100-240 VAC, 50/60 Hz Energy Star V5.2 Phase V compliant power supply</td>
</tr>
<tr>
<td><strong>Power consumption</strong></td>
<td>Under 15 watts (average)</td>
</tr>
<tr>
<td><strong>Temperature range</strong></td>
<td>Horizontal position: 50° to 95° F (10° to 35° C) Vertical position, power button up: 50° to 104° F (10° to 40° C) Storage: 14° to 140° F (-10° to 60° C)</td>
</tr>
<tr>
<td><strong>Humidity</strong></td>
<td>20% to 80% condensing / 10% to 95% non-condensing</td>
</tr>
<tr>
<td><strong>Certifications</strong></td>
<td>Ergonomics: German EKI-IITB 2000, ISO 9241-3/-8 Safety: cULus 60950, TUV-GS, EN 60950 RF Interference: FCC Class B, CE, VCCI, C-Tick Environmental: WEEE, RoHS Compliant 7290-Z9057, 7290-Z90DF, Energy Star &amp; EPEAT listed</td>
</tr>
<tr>
<td>*<strong>See appendix for notes and guidance</strong></td>
<td></td>
</tr>
</tbody>
</table>

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Dell.com
# Wyse 7400 series mobile thin client

## Hardware specifications for 7492-X90M7

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Processors</strong></td>
<td>Dual-core AMD G-T56N 1.65 GHz processor with AMD Radeon™ HD 6320 graphics</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>16GB Flash / 4GB RAM DDR3 Optional SSD storage also supported</td>
</tr>
<tr>
<td><strong>Graphics</strong></td>
<td>AMD Radeon™ HD 6320 (integrated with APU)</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>14&quot; WXGA 1366 x 768 LED backlight VGA port: 1366 x 768 at 32bpp DisplayPort: 2560 x 1600 at 32bpp</td>
</tr>
<tr>
<td><strong>Networking/Comm</strong></td>
<td>10/100/1000 Gigabit Ethernet Integrated wireless 802.11 a/b/g/n dual-band (2.4 GHz and 5GHz) Optional Bluetooth connectivity</td>
</tr>
<tr>
<td><strong>Security compliance</strong></td>
<td>Security compliance: Security protocols supported for both wireless, and 802.1x network based authentication: EAP-TLS; EAP-LEAP; EAP-PAP; EAP-MSCHAPv2; EAP-GTC; WEP; WPA Personal; WPA2 Personal; WPA Enterprise; WPA2 Enterprise</td>
</tr>
<tr>
<td><strong>I/O peripheral support</strong></td>
<td>One VGA port One DisplayPort (optional DisplayPort to DVI adapter, sold separately) One USB 2.0 port Two USB 3.0 ports Media card reader Built-in 1.3 megapixel camera and microphone One Mic In / One Line Out Optional 3G/4G capable (PCIe slot available) Optional ExpressCard slot (factory installed) Optional integrated smart card reader (factory installed)</td>
</tr>
<tr>
<td><strong>Audio</strong></td>
<td>Output: 1/8-inch mini jack, full 16-bit stereo. Digital audio out Input: 1/8-inch mini jack, 8-bit microphone Two internal stereo speakers</td>
</tr>
<tr>
<td><strong>Included</strong></td>
<td>Pointing device: touchpad Keypad: US, US international, UK, French, German</td>
</tr>
<tr>
<td><strong>Factory options</strong></td>
<td>SSD storage 3G/4G capable (PCIe) ExpressCard slot Bluetooth connectivity Smart card reader</td>
</tr>
<tr>
<td><strong>Device security</strong></td>
<td>Built-in Kensington security slot (cable sold separately)</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>Width: 13.5 inches (341.6mm) Depth: 9.32 inches (239.2 mm) Height: 1.14 inches (28.9-35.5 mm) Weight: 3.8 lbs (1.72 kg), 4lbs (1.8 kgs) with battery</td>
</tr>
<tr>
<td><strong>Shipping weight</strong></td>
<td>Starting at 6.9lbs (3.2kg)*</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>Worldwide auto-sensing 100-240 VAC, 50/60 Hz. Energy Star V5.0 compliant power supply. 19V/65W AC adapter</td>
</tr>
<tr>
<td><strong>Power consumption</strong></td>
<td>Under 14 watts (average)</td>
</tr>
<tr>
<td><strong>Temperature range</strong></td>
<td>Horizontal position: 50° to 104° F (10° to 40° C) Storage: 14° to 140° F (-10° to 60° C)</td>
</tr>
<tr>
<td><strong>Humidity</strong></td>
<td>20% to 80% condensing / 10% to 95% non-condensing</td>
</tr>
<tr>
<td><strong>Certifications</strong></td>
<td>Safety: UL/IEC 60950-1, TUV EMC: CE (EN 55022, EN 55024, FCC 15B) Wireless: FCC (Part 15C), CE (EN 300 328, EN 301 489), Directive 1999/5/EC Environment: RoHS, WEEE</td>
</tr>
</tbody>
</table>

*See appendix for notes and guidance
Wyse Windows® Embedded Standard 7 thin clients

Combine the performance, reliability and flexibility of Windows® Embedded Standard 7 with the security, ease of management, and cost-savings of thin clients for secure VDI with a fast, rich, familiar Windows 7 user experience.

*Product weights

Product weights stated may vary depending on configuration and manufacturing variability.

*Limited Hardware Warranty

For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see dell.com/warranty.

Key facts about Wyse Windows® Embedded Standard 7 thin clients

- **Secure**: have a much smaller attack surface than PCs
- **Versatile**: offer fast, flexible connectivity to a broad range of Windows® applications and peripherals
- **Easy to manage**: with Wyse Device Manager or Microsoft System Center Configuration Manager
- **Ultra-reliable**: with no moving parts
- **Extremely energy efficient**: operate with fewer than 25 watts of electricity
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