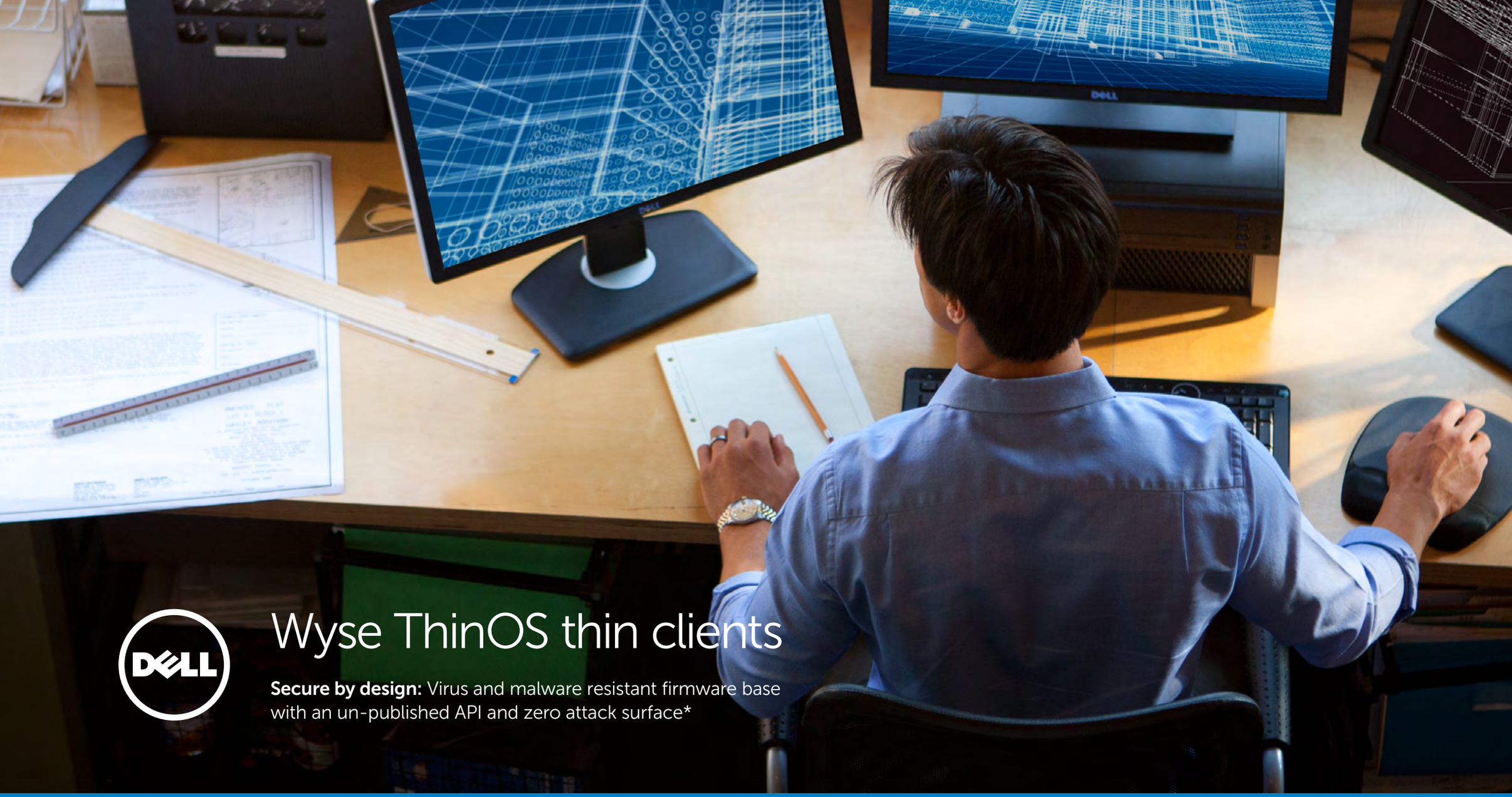


Wyse ThinOS thin clients

Secure by design: Virus and malware resistant firmware base with an un-published API and zero attack surface*

Learn more. Here:

* See appendix for notes and guidance.

Introducing Wyse ThinOS thin clients

Secure simplicity on your desktop

A key component of Dell desktop virtualization product offerings and one of the most secure operating systems in the world for cloud and virtual computing environments, ThinOS is certified with Citrix®, Microsoft®, VMware®, and other ecosystem partners. Unlike Windows® and Linux, ThinOS was created just for virtual desktops with patented technology from Dell, the thin client leader with over 220 patents in this area. ThinOS is:

- **Secure by design:** Virus and malware resistant* with an un-published API and zero attack surface
- **Unified Communications Connectivity:** The Citrix HDX RealTime Optimization Pack for Lync included with ThinOS 8.3 supports Lync Server and Client 2010 and 2013, as well as the Skype for Business client in Lync 2015
- **Enhanced Security:** The operating system includes updated security and encryption methods including support for TLS 1.2 with AES. ThinOS 8.3 also supports a robust 802.1x wired and wireless authentication security protocol suite
- **Fast:** Boots in under 10 seconds to secure desktops based on a variety of authentication methods, including single sign-on and 2-factor authentication
- **Easy to manage:** Covers the everyday basics so you don't have to. IT can get out of the desktop hardware maintenance business
- **One of the best HDX and RDP experiences in a non-Windows client:** RDP 8.1 support and a custom Citrix 4.x receiver from Dell developed in collaboration with Citrix enable a rich user experience based on the latest HDX feature set, and outstanding ICA and RDP performance

* See appendix for notes and guidance.

Wyse ThinOS thin clients

ThinOS is available across a wide range of hardware form factors to suit your budget, application performance, and environmental needs–from highly affordable to high performance. The lineup includes, the Wyse 3010, the Wyse 3020, the Wyse 3030 LT, the Wyse 5010, the Wyse 7010 thin client and the Wyse 5000 series all-in-one thin clients.

Click the images to learn more.

Wyse 3010 Strong performance, small box	Wyse 3020 Dual-core power, compact design	Wyse 3030 LT Highly secure, cost-effective endpoint
Wyse 5010 Top performance for power users	Wyse 5000 series all-in-one thin clients. Secure, powerful, and elegant	Wyse 7010 For power users who demand the best performance

Additional software

Wyse software options can further enhance the user experience or simplify IT management on ThinOS.

Learn more here.

Quick compare

Specifications

Intro | Compare | Virtualization | Unified Comms | Management | Services | Specifications | Appendix | Contact

Wyse ThinOS thin clients

Hardware platforms

All Wyse ThinOS thin clients are:

- Ultra-secure and extremely reliable with no moving parts
- Great to use and easy to manage, requiring no hardware maintenance whatsoever
- Ready to connect to Citrix®, Microsoft® and VMware® right out of the box
- Ready to support wireless and dual displays



Wyse 3010 thin client

The new standard for affordable thin clients

Great for common tasks plus multimedia acceleration and monitor rotation for an improved user experience with video



Wyse 3020 thin client

Dual-core power, compact design

Dual-core processor raises the compact thin client performance bar; great for knowledge workers and multimedia



Wyse 3030 LT thin client

Highly secure and cost-effective

A cost-effective yet very secure thin client that offers outstanding performance with excellent multimedia capabilities



Wyse 5010 thin client

Top performance for power users

Our flagship ThinOS platform for power users and knowledge workers: ideal for unified communications, HD multimedia, 3D graphics, and content creation; dual digital displays



Wyse 5000 series all-in-one thin clients

Wyse 5000 series all-in-one thin client

A stylish integrated thin client and 21.5" display. It is the most secure all-in-one on the planet and delivers an excellent virtual desktop experience, with extreme ease of use & management



Wyse 7010 thin client

High-performance thin client

For users that demand more from their virtual desktop environments, featuring all the security and management benefits of thin clients

Wyse 3010 Thin Client

Features

For task workers who need video

The 3010 handles everyday tasks with ease and also provides multimedia acceleration for task workers who need video. Users will enjoy integrated graphics processing and additional WMV & H264 video decoding capabilities from the Marvell ARMADA™ PXA 510 v7 1.0 GHz System-on-Chip (SoC). In addition, the 3010 is one of the only affordable thin clients to support dual monitors with monitor rotation, enabling increased productivity by providing an extensive view of task work.

Designing smooth playback of high bit-rate HD video and graphics in such a small box hasn't been at the expense of energy consumption and heat emissions either. Using just 7 watts of electricity earns this device an Energy Star V5.0 rating. In addition, the 3010's small size enables discrete mounting options: under desks, to walls, and behind monitors, creating cool workspaces in every respect.





Product page

Specifications

Wyse 3020 Thin Client

Features

For knowledge workers and HD multimedia

The 3020 with dual-core processing power is designed for knowledge workers with a variety of application needs, including HD multimedia. Users will benefit from Citrix HDX 3D and Microsoft RemoteFX graphics quality and additional WMV & H264 video decoding capabilities from the Marvell ARMADA™ dual-core PXA2128 1.2 GHz System-on-Chip (SoC). In addition, the 3020 supports dual digital displays with monitor rotation and 802.11 a/b/g/n dual band, dual antenna WiFi.

All of this performance comes in an extremely compact and efficient offering. The 3020 uses just 7 watts of electricity earning this device an Energy Star V5.0 rating. In addition, the 3020's small size enables discrete mounting options: under desks, to walls, and behind monitors, creating cool workspaces in every respect.





Product page

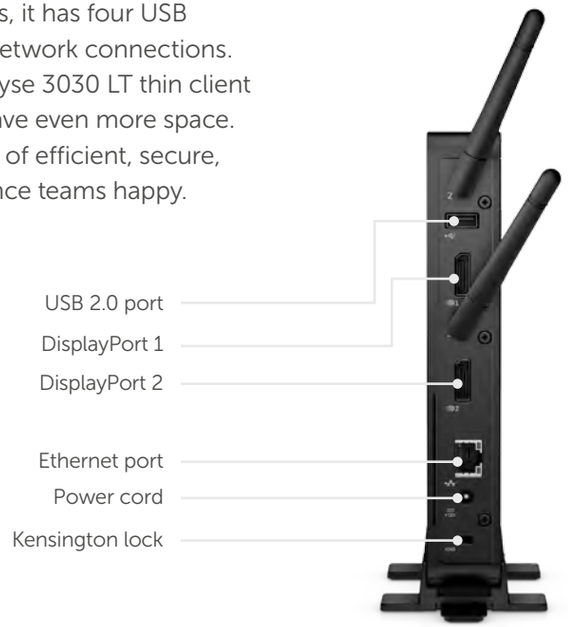
Specifications

Wyse 3030 LT Thin Client

Features

Highly secure, cost-effective endpoint for unified communications

The Wyse 3030 LT is a cost-effective yet very secure thin client that offers outstanding performance with excellent multimedia capabilities and essential protocol and peripheral support including optional PCoIP. It features an Intel dual-core processor with integrated graphics engine for an exceptional user experience. It comes ready to connect to Citrix, Microsoft, and VMware right out of the box. Offering a wide range of connectivity options, it has four USB ports, including one USB 3.0 port, as well wired and as optional wireless network connections. Extremely compact and energy efficient (runs on less than 6 watts), the Wyse 3030 LT thin client offers flexible placement and can also be mounted behind a monitor to save even more space. With no moving parts and built to last, this thin client will offer many years of efficient, secure, high-performance service, which keeps your people and your IT and finance teams happy.





Product page

Specifications

Wyse 5010 Thin Clients

Features

Ultra-high performance in a compact package

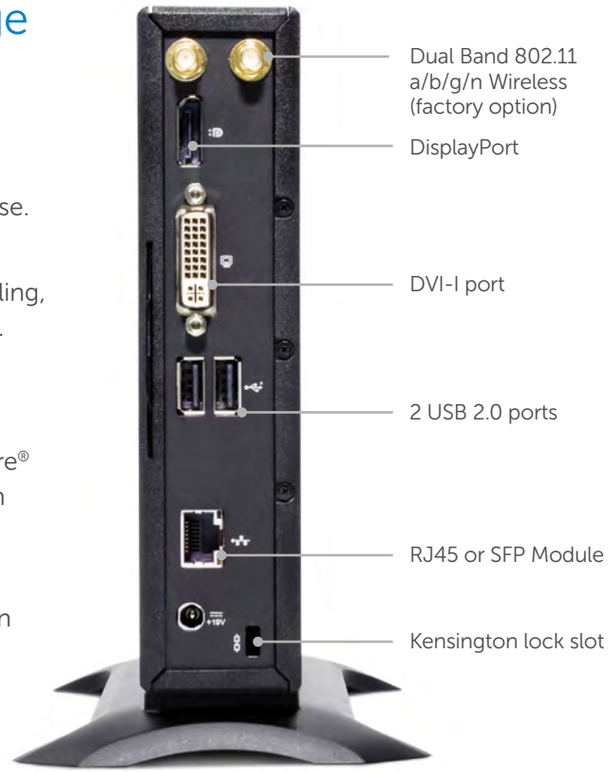
Power users and knowledge workers will love the exceptionally fast speed and power from the new dual-core driven 5010. With a 1.4 GHz AMD G series APU with integrated graphics engine, the 5010 handles everything from demanding multimedia applications to business content creation and consumption with ease.

The 5010 even supports power users' most demanding workloads: high quality audio and video, unified communications, CAD/CAM, 3D simulation and modeling, HD Flash and multimedia, and dual digital high resolution displays with rotation.



Users will enjoy smooth roaming and super fast 802.11 a/b/g/n wireless at 2.4 and 5 GHz with dual antennas. The 5010 is Citrix HDX®, Microsoft® RemoteFX, and VMware® Horizon certified. It also supports legacy peripherals via an optional USB adapter.

Averaging 9 watts, each and every 5010 contributes – quietly and coolly – to lowering your organization's carbon footprint, with reduced power usage and emissions.





Rear view with Wireless option

Rear view with Fiber NIC option

Product page

Specifications

Wyse all-in-one thin clients

Features

Ultra Secure and high performance in a sleek stylish form factor

Wyse 5000 series all-in-one thin clients are stylish thin clients with 21.5" displays. It is the most secure all-in-one and delivers an excellent virtual desktop experience, with extreme ease of use & management.

Secure: Zero attack surface for complete resistance to viruses and malware. Cryptographically protect sensitive information. AES disk encryption.

Elegantly simple: Sleek industrial design, small footprint, one power cord make it appealing to both customers and users. ThinOS and integrated display form factor make it easier to deploy and manage.

Powerful: AMD G Series dual core 1.4GHz processor, along with ThinOS, deliver high speed and power to deliver rich graphics

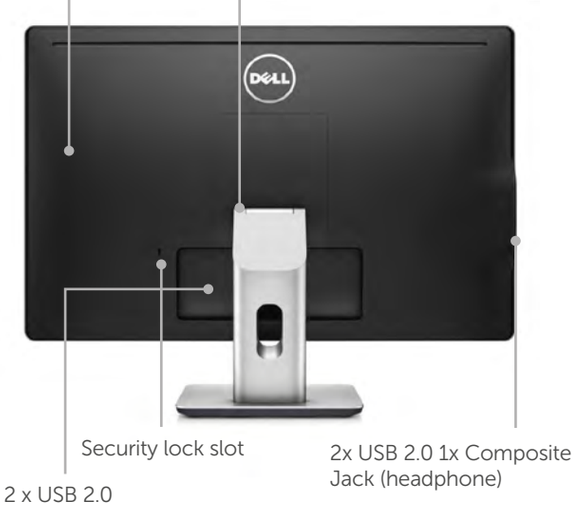
Well-connected: Gigabit Ethernet, optional integrated dual band Wi-Fi optional SFP fiber, speakers, camera, microphone 4 USB 2.0 ports. Ready to connect to Citrix®, Microsoft® and VMware® (RDP and PCoIP*), right out of the box.

Easy-to-manage: Right sized management for different use cases, on premise with "hands off" file server, or Dell Wyse Device Manager™, or cloud-based with Wyse Cloud Client Manager™. Scalable administration for just a few to tens of thousands of thin client AIOs.

* Available on the 5040 all-in-one thin client model



Modes of Operation:
AiO (default) / Dual display (DP out) / PC mode (VGA in)



5040 all-in-one thin client
Protocols include:
VMware View through RDP
Citrix ICA & HDX
Microsoft RDP 8.1

5040 all-in-one thin client with PCoIP:
Protocols include:
VMware View through optimized PCoIP
VMware View through RDP
Citrix ICA & HDX
Microsoft RDP 8.1

Product page

Specifications

Wyse 7010 thin client with ThinOS

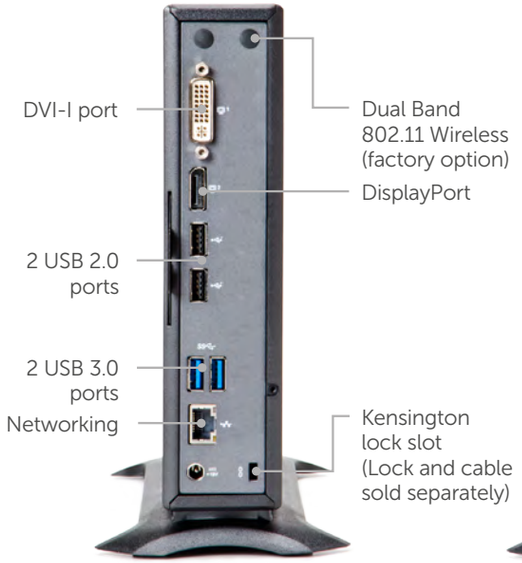
Features

Ultra high performance, versatile connectivity

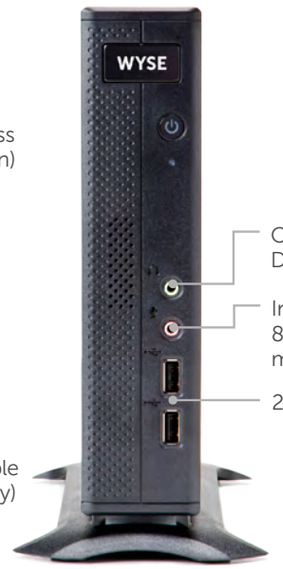
With so much power and so many familiar peripherals at their fingertips, the most demanding knowledge workers and power users will love the Wyse 7000 series. Wyse 7010 thin client with ThinOS offers dual core AMD CPUs with integrated graphics engines with the broadest range of fast, flexible connectivity 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 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.

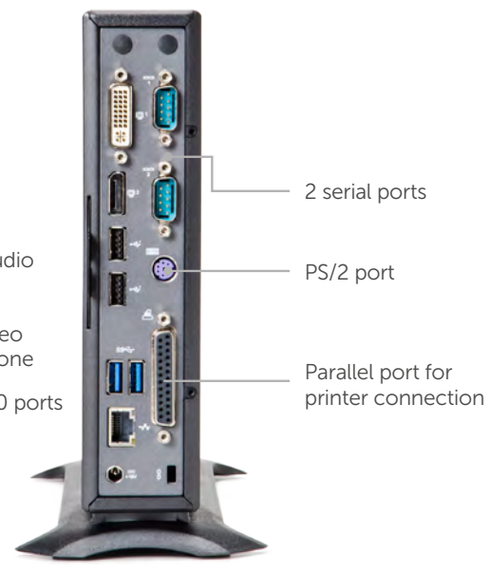
Wyse 7010 Thin Client Knowledge workers and power users will enjoy the dual core 7010's high performance for demanding secure virtual desktop and cloud applications, including rich content creation and consumption, HD video, unified communications, and 3D graphics.



7010
Rear view



7010
Front view



Legacy connectivity option

Product page

Specifications

Wyse Virtualization Software

A great user experience for both everyday and demanding workloads

Wyse Cloud Desktops offer an outstanding user experience out of the box. For users with demanding multimedia, performance, and remote access needs, Dell offers the following virtualization software packages.

Wyse TCX Suite™

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

Learn more here.



Product Page

Unified Communications Connectivity with Dell Wyse ThinOS 8.3

Ultra high performance, versatile connectivity

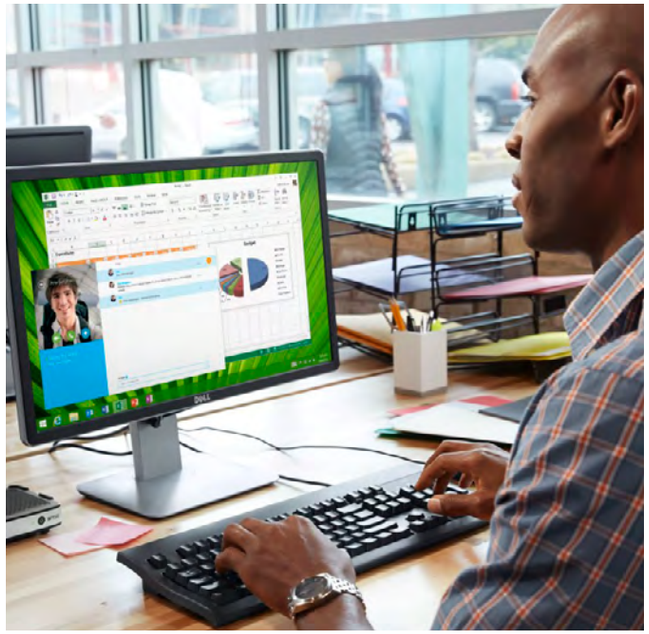
Dell Wyse ThinOS 8.3 is the latest release of Dell's highly secure, virus-mitigated thin client software installed in millions of thin clients that offers high performance desktop virtualization protocols with ease of management. Specifically available with the new ThinOS 8.3, the Citrix HDX RealTime Optimization Pack for Microsoft Skype for Business, Lync 2010 and Lync 2013 provides clear, crisp high-definition audio/video calls in an optimized architecture.

Workers can seamlessly participate in audio/video or audio-only calls to and from other Skype for Business users and other standards-based video desktop and conference room multipoint control unit (MCU) systems. All audio/video processing is offloaded from the server to the end-user device or terminal, optimizing the quality of the call with minimal impact on server or network scalability.

Eligible ThinOS supported products are:*

- Wyse 3030 LT with ThinOS
- Wyse 5010 thin client with ThinOS (D10D)
- Wyse 7010 thin client with ThinOS (Z10D)
- Wyse 5040 AIO thin client (5212)
- Wyse 5010 thin client with PCoIP (D10DP)
- Wyse 5040 AIO thin client with PCoIP (5213)
- Wyse 5010 zero client for Citrix (D00DX)

* Require 2G / 2G configuration



ThinOS Specifications

Wyse Device Management

Hands-off management

Wyse ThinOS requires zero external management software to operate, update and scale, eliminating the need for IT to visit or touch the physical devices.

Management Software

As the number of devices grows, Wyse offers highly scalable management software products that offer process automation, insight, and low TCO for large deployments of Wyse cloud clients.

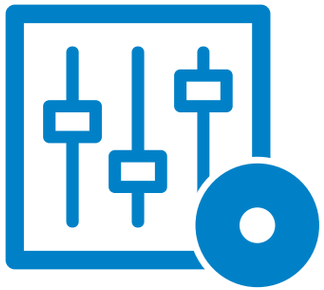
Wyse Device Manager™

A powerful thin and zero client management solution, Wyse Device Manager (WDM) software provides easy, secure, highly scalable, centralized cloud client management for your small organization or global enterprise. WDM provides:

- Centralized management for over 100,000 clients all in one place, regardless of where they are located
- Policy-based configuration management, real-time asset management, automated firmware updates, and health monitoring make managing cloud clients easy
- Security – WDM complements the security of ThinOS with secure, encrypted communications to every endpoint

Learn more here.

Wyse Cloud Client Manager™



Simple, secure client infrastructure management from the cloud. Securely manage user access to corporate applications and content for a wide range of company and employee-owned devices through an intelligent, unified cloud-based console. Finally, IT can manage smartphones, tablets, and cloud clients all in one place.

In addition, cloud client manager goes beyond standard device management solutions by providing a complete view of not only devices, but also into all the IT assets accessed by these devices. Complete visibility of users, devices, and the entire IT ecosystem – combined with a world-class analytics engine – provides invaluable insight into usage models and trends, and helps to identify areas of investment to securely and effectively provide corporate services to end users.

Learn more here.

Product Page

End to end services

For Wyse thin clients

Experts

- 24x7 access to ProSupport engineers
- Single source for hardware and software
- Dell technicians know business IT and provide deep, broad experience

Insights

- Dell project managers plan, implement and manage deployment processes for your business needs
- End-to-end management of the deployment process

Ease

- Quick response, replacement for accidental damage
- Easy return options for repairs
- Simplified deployment and support with Dell knowledge and experience

Dell Deployment

Simple, fast and accurate deployment.

Dell Deployment Service is an end to end service designed to speed deployment time, save money, provide comprehensive planning and project management to support your IT staff. We will load your company images, configure BIOS settings, apply asset tags, and install new systems into your environment. Benefits to customers include:

- Minimized disruption so you can focus your resources on innovation
- Improved efficiency saving time and resources by leveraging Dell expertise
- Maximizing resources with Dell managing every step of the process

Learn more here.

Dell ProSupport

Comprehensive IT support.

Dell ProSupport provides responsive IT support for businesses of all sizes. You get a team of in-region engineers who are available 24x7 and respond quickly to provide you with a single source for hardware and software issues.

Dell ProSupport is the smart, easy way to extend your IT resources and better support your users. With ProSupport you:

- Fast issue resolution with round the clock access to in-region ProSupport engineers
- Increase efficiency with single source support for hardware and software issues
- Maximize productivity by leveraging Dell scale and skill
- Focus your resources on strategic IT while Dell takes care of day-to-day business

Learn more here.

Dell Accidental Damage

Ideal for high-risk environments.

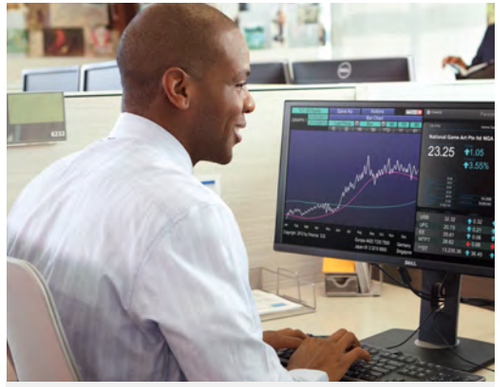
Accidental Damage Protection covers hardware systems exposed to high-risk usage and situations where end users are in high risk environments, shared workspaces, retail, or classroom settings.

Ideal for high-risk environments.

Examples of damage where the hardware unit would be repaired or replaced are:

- Liquid spilled on or in unit
- Drops, falls, and other collisions
- Damaged/broken LCD due to a drop or fall
- Electrical surge

Learn more here.



Benefits

- Maximize productivity with rapid deployment and 24x7 support
- Minimize disruption with full replacement of damaged clients
- Gain efficiency leveraging Dell scale, business insight and expertise
- Reduce risk with deployment and support expertise

Continue

Intro | Compare | Virtualization | Unified Comms | Management | Services | Specifications | Appendix | Contact

Wyse ThinOS

Specifications

Citrix Receiver 4.x compatible	- Native Storefront authentication - HDX Mediastream - HDX 3D, HDX 3D Pro - Bandwidth estimation - Seamless Windows - Progressive display - Local text echo (zero latency click) - Optimized 2D drawing - Flash (server rendered) - HDX multi-stream - HDX Plug-n-Play - HDX Realtime - UDP Audio - Session reliability - Desktop restart (XenDesktop) - Session prelaunch and lingering - User roaming - Cloud Gateway (branch repeater) - Smartcard / proximity card authentication & redirection - Citrix Access Gateway and Citrix Secure Gateway support (direct LDAP or RSA authentication) - Monitor rotation and L-shaped desktop
RDP 8.1 compatible client	- Multi-stream (simultaneous UDP and TCP connections) - RemoteFX USB redirection - Multi Codec (GFX) - VOR (H.264 multimedia redirection) - Load balancing - Multiple monitor support - Terminal Server Gateway - Enhanced video playback - Windows® Media Player redirection - Bandwidth estimation - Bidirectional audio - Copy/paste by files between sessions - Web Single Sign-On (SSO) and web forms-based authentication - RD Connection Broker - Personal virtual desktops and virtual desktop pools
VMware View 6 client	- Smartcard Authentication - SecureID Authentication - Multimedia Support (with TCX) - Bi-directional Audio (with TCX) - WAN Acceleration (with VDA) - SSL Tunneling - Restart VM - Broad USB Support (with TCX) - Flash Video Support (with TCX)
Smart/proximity card support	Out of the box smart / proximity card support for single sign-on, secure log-in, and roaming desktops. Supported smart cards: - Gemalto .NET/IDPrime .NET (V1, V2) - HID Activeldentity (DoD CAC, PIV, SIPR) - G&D StarCos - Aladdin Etoken - Cryptovision Authentication types: - Imprivata One-Sign server - RFIDeas proximity card readers

Dell Wyse TCX Suite	Wyse TCX Suite virtualization software works with and enhances HDX and RDP protocols featuring: - Terminal Server/XenApp session level restriction - Support for USB Interface level redirection - Multimedia: giving users the power to run rich multimedia file 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 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.
Integrated with Dell Wyse	Fast booting, scalable administration includes simple drag and drop placement of firmware, automatic updates via file server and full integration with Wyse Device Manager and Wyse Cloud Client Manager. This provides simple, secure, unified cloud-based management of company and employee owned smartphones, tablets, and cloud clients.
Security built in	- A non-Linux and non-Windows based, closed OS with an unpublished API, Wyse ThinOS is inherently secure from viruses and malware - Wyse ThinOS includes robust wired and wireless 802.1x support, with secure encryption: EAP-TLS; EAP-LEAP; EAP-PEAP, EAP-MSCHAPv2, EAP-GTC; WEP; WPA Personal; WPA2 Personal; WPA Enterprise; WPA2 Enterprise - DoD CAC, PIV & SIPR supported - Although there is no local file system, certifications and configuration data can be stored for high availability. Leveraging AES 128 bit disk encryption, with a random number generator, local settings will be secure
Server OS Infrastructure support	- Citrix XenDesktop - VMware View - Citrix XenApp - Citrix Presentation Server - Dell vWorkspace - Microsoft® Windows Terminal Server 2003, 2008/R2, & 2012 - Support for other leading VDI brokers (Desktone, Leostream, etc)

Wyse 3010 Thin Client

Specifications

Processor	Marvell® ARMADA™ PXA 510 v7 1.0 GHz system-on-chip (SoC)
Memory	0 MB Flash / 1 GB RAM DDR3
Graphics	Integrated in SoC
Display	VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate Single: up to 1920x1200@60Hz; color depth: 32 bpp Dual: up to 1920x1200@60Hz; color depth: 32 bpp Supports dual high-resolution displays Dual displays also support monitor rotation ("L shaped" displays) Dual displays require optional monitor splitter cable (sold separately) Dual displays with the optional splitter cable provide 1 digital display and 1 analog display
Networking/Comm	10/100/1000 Base-T Gigabit Ethernet Optional 802.11 b/g internal wireless (single antenna)
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 DVI-I port, DVI to VGA (DB-15) adapter included Dual display support with optional DVI-I to DVI-D plus VGA-monitor splitter cable (sold separately) Four USB 2.0
Audio	Output: 1/8-inch mini jack, full 16-bit stereo, 48KHz sample rate Input: 1/8-inch mini jack, 8-bit microphone
Included	Enhanced USB keyboard with PS/2 mouse port and Windows keys PS/2 or USB optical mouse included (varies by region)
Factory options	802.11 b/g internal wireless (single antenna) (Availability varies by region)

Mountings	Horizontal stand. The same stand can be used for VESA wall mounting. Optional vertical stand
Device security	Built-in Kensington security slot (cable sold separately)
Dimensions	Height: 1 in (25 mm) Width: 6.9 in (177 mm) Depth: 4.69 in (119 mm) Weight: 1 lb (450 g)
Shipping weight	1.003 lbs. (0.455 kg)*
Power	Worldwide auto-sensing 100-240 VAC, 50/60 Hz Energy Star V5.0 Phase V external and EuP compliant power adapter
Power consumption	Average power usage with device connected to 1 keyboard with 1 PS/2 mouse and 1 monitor: under 7.2 watts
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 RF Interference: FCC Class B, CE, VCCI, C-Tick Environmental: WEEE, RoHS Compliant
Warranty	Three-year limited hardware warranty Optional WyseChoice extensions and upgrades at dell.com/wyse/warranty

* See appendix for notes and guidance.

3010 thin client Features

Wyse 3020 Thin Client

Specifications

Processor	Marvell® ARMADA™ Dual Core PXA2128 1.2 GHz system-on-chip (SoC)
Memory	4GB Flash / 2GB DDR3 RAM
Graphics	Integrated in SoC, including support for Citrix HDX 3D and Microsoft RemoteFX
Display	Single: up to 1920x1200@60Hz; color depth: 8, 16, 25, or 32 bpp Dual: up to 1920x1200@60Hz; color depth: 8, 16, 25, or 32 bpp Dual monitor supported with display rotation ("L shaped" displays) VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate
Networking/Comm	10/100/1000 Base-T Gigabit Ethernet. Optional 802.11 a/b/g/n internal wireless, dual radio and dual antenna @ 300 Mbps
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 DVI-I port, DVI to VGA (DB-15) adapter included. One DVI-D port Native dual digital display support with DVI-I and DVI-D ports Four USB 2.0 ports, 3 in front, 1 in back
Audio	Composite audio jack: 1/8-inch mini, 16-bit stereo Internal mono speaker
Included	Enhanced USB keyboard with PS/2 mouse port and Windows keys PS/2 or USB optical mouse included (varies by region)
Factory options	802.11 a/b/g/n internal wireless (dual band, dual antenna at 300Mbps) (Availability varies by region)

Mountings	Horizontal stand. The same stand can be used for VESA wall mounting
Device security	Built-in Kensington security slot (cable sold separately)
Dimensions	Height: 1.38 in (35 mm) Width: 6.94 in (176 mm) Depth: 4.75 in (121 mm)
Shipping weight	1.1 lbs. (0.5 kg)
Power	Worldwide auto-sensing 100-240 VAC, 50/60 Hz Energy Star V5.0 Phase V external and EuP compliant power adapter
Power consumption	Average power usage with device connected to 1 keyboard with 1 PS/2 mouse and 1 monitor: under 7.2 watts.
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 RF Interference: FCC Class B, CE, VCCI, C-Tick Environmental: WEEE, RoHS Compliant
Warranty	Three-year limited hardware warranty. Optional WyseChoice extensions and upgrades at dell.com/wyse/warranty

3020 thin client Features

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Wyse 3030 LT Thin Client

Specifications

Processor	Dual-core Intel® Celeron® N2807, 1.6 GHz
Memory	4GB Flash eMMC and 2GB RAM DDR3L; 1,333 MT/s data transfer rate
Operating system	Wyse ThinOS, Wyse ThinLinux
Display	DVI digital*: Up to 1920 x 1200 x 32 @ 60 Hz VGA analog*: Up to 2560 x 1600 x 32 @ 60 Hz DisplayPort: Up to 2560 x 1600 x 32@60 Hz
Networking/Comm	10/100/1000 Base-T Gigabit Ethernet. (RJ45) Wireless 802.11 a/b/g/n/ac dual band, dual antenna
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	1 x SuperSpeed USB 3.0 (front), 3 x high-speed USB 2.0 (two front, one rear) 2 x DisplayPort (optional VGA, DVI or HDMI adapter sold separately)
Audio	Universal audio jack: 1/8-inch mini, 16-bit stereo / Internal mono speaker
Included	Enhanced USB keyboard with PS/2 mouse port and Windows keys PS/2 or USB optical mouse included (varies by region)
Security	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

Mountings	Vertical feet, standard. Optional VESA mounting bracket
Device security	Built-in Kensington security slot (cable sold separately)
Dimensions	Height: 7.37 in (187 mm) Width: 1.15 in (29 mm) Depth: 4.61 in (117 mm)
Shipping weight	2.34 kg. (5.2 lbs.)
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
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 For a complete listing of declarations & certifications, see Dell's regulatory & compliance homepage at dell.com/regulatory_compliance
Warranty	Three-year limited hardware warranty. Optional 4 or 5 year extension. More information at dell.com/wyse/warranty
Support & Deployment	Complete services portfolio including Deployment Services, ProSupport and Accidental Damage service.
TAA	TAA Configurations available

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Wyse 5010 Thin Client

Specifications

Processor	AMD G-Series T48E Dual Core 1.4GHz
Memory	8GB Flash / 2GB RAM DDR3-1066MHz
Graphics	Radeon HD 6250
Display	VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate DisplayPort: 2560x1600@32bpp DVI-I: 1920x1200@32bpp Dual display: 1920x1200@32bpp Supports dual digital high-resolution displays Dual displays also support monitor rotation ("L shaped" 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 SFP Module support for Fiber NIC network connectivity
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 available) 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
Audio	Composite audio jack: 1/8-inch mini, 16-bit stereo Internal mono speaker
Included	Enhanced USB keyboard with PS/2 mouse port and Windows keys PS/2 or USB optical mouse included (varies by region)
Factory options	Single and dual band 802.11 a/b/g/n integrated wireless with external dual antennas SFP Module support for Fiber NIC network connectivity

Mountings	Vertical foot, included Optional VESA mounting bracket Optional Ergotron mounting bracket
Device security	Built-in Kensington security slot (cable sold separately)
Dimensions	Height: 6.7 inches (170mm) Width: 1.6 inches (40mm) Depth: 7.3 inches (185mm) 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	9 watts (average)
Temperature range	Operating, vertical position: 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
Safety 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. ENERGY STAR Certified
Warranty	Three-year limited hardware warranty. Optional WyseChoice extensions and upgrades at dell.com/wyse/warranty

* See appendix for notes and guidance.

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Wyse All-in-One Thin Clients

Specifications

Processor/Chipset	AMD G-Series T48E Dual Core 1.4GHz / AMD Radeon HD 6250
Memory	8GB Flash / 8GB DDR3
Display	54.61 cm (21.5 inches) / Full HD 1920 x 1080 at 60 Hz (Primary and dual monitor)
Networking/Comm	10/100/1000 RJ-45 Ethernet or SFP Fiber Optional – 802.11 a/b/g/n integrated wireless Ethernet with dual-band antenna.*
I/O peripheral support	4 USB 2.0 ports 1 RJ45 1 SFP fiber (optional) 1 VGA (PC mode) 1 DisplayPort (dual display) Composite audio jack: 1/8-inch mini, 16-bit stereo / Internal mono speaker HD web cam (integrated) Speaker bar (integrated) Microphone (integrated)
Management	Simple file server management Dell Wyse Device Manager Dell Wyse Cloud Client Manager
Protocols	Citrix ICA, HDX 3D & 3D Pro, Microsoft RDP 8.1, VMware View 6 with PCoIP**
Included	Dell Wyse thin client all-in-one 5000 series USB keyboard (US) DJ454 USB mouse (US) 11D3V
Optional accessories (sold separately)	Headset Jabra UC 550 Duo — Dell Part# A7371144 Wireless Keyboard & Mouse — Dell Part# 332-1396*** Printer C2660dn — Dell Part# 210-ABPD Dual UZ2215H Monitor — Dell Part# 861-BBDD Dell Dual Monitor Stand — Dell Part# 332-1236

Power	30W average power consumption External power supply auto-sensing between 110v and 240v
Dimensions	**Display with stand** Width: 531mm (20.9 in) Depth: 181mm (7.1 in) Height: 408mm (16.0 in) **Display without stand** Width: 531mm (20.9 in) Depth: 45mm (1.8 in) Height: 343mm (13.5 in) **Fixed Stand** Width: 191mm (7.5 in) Depth: 181 mm (7.1 in) Height: 315mm (12.4 in)
Weight	With packaging — 6.78kg (14.92lb) With stand assembly & cables — 5.4kg (11.88lb) Without stand assembly — 3.58kg (7.88lb) Stand — 1.02kg (2.24lb)
Warranty	Three year limited warranty. Optional one, two, and five year warranties.

* Available in select countries
** Available on the 5213 all-in-one thin client model
*** Keyboard may be sold separately outside US/Canada

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Wyse 7010 thin client with ThinOS

Specifications

Processor/Chipset	Dual-core AMD G-T56N 1.65 GHz
Memory	ThinOS: 8GB Flash / 2GB RAM DDR3
Graphics	AMD Radeon™ HD 6320 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	Networking/Comm
Networking/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 7010: 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 out Input: 1/8-inch mini jack, 8-bit microphone / Internal mono speaker
Included	Enhanced USB keyboard with PS/2 mouse port and Windows keys PS/2 or USB optical mouse included (varies by region)
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) 7010: Built-in TPM chip for security

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	7010: 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
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)
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 7010: Energy Star & EPEAT listed
Warranty	Three-year Limited Hardware Warranty* Optional Wyse Choice extensions and upgrades at dell.com/wyse/warranty
	* See appendix for notes and guidance

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Appendix

Wyse ThinOS is virus and malware resistant

It is technically impossible for a virus to attach to Wyse ThinOS or the Wyse thin client on which it resides. It consists of a networking and protocol stack and is not a general-purpose operating system. Therefore, it has zero exposed API's and no local file system or other potentially vulnerable exposures to exploit.

Product weights

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

Key facts about ThinOS

- **Secure:** virus and malware resistant
- **High performance:** light weight firmware base about the size of a digital photograph has minimal overhead
- **Instant-on:** from power-on to productive in **under 10 seconds**
- **Easy to manage:** automatic 'hands-off' management, on-premise with Dell Wyse Device Manager, or cloud-based with Dell Wyse Cloud Client Manager
- **Scales to over 100,000** managed devices with Wyse WDM software

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