Wyse enhanced Linux & ThinLinux clients

Dell cloud client-computing solutions

Performance, reliability and flexibility of Wyse enhanced Linux in a thin client

Learn more. Here:

Introducing Wyse enhanced Linux thin clients

Power and flexibility of enhanced Linux in a thin client

For virtual desktops end users and IT will love

Combine the performance, reliability and flexibility of Enhanced Linux with the security, ease of management, and cost-savings of powerful Wyse thin clients.

Enhanced Linux is better with Wyse thin clients:

Secure from the desktop to the data center

· Wyse thin clients are far more secure and less complex than PCs with an extremely small attack surface

· Support a wide range of user authentication methods

· Apps and content are protected in the data center

· Enable AES encryption with AES Password Encryption Tool*

Great to use

Wyse thin clients deliver a fast, rich, familiar Enhanced Linux user experience:

· Enhanced Linux user interface for VDI, local internet, and local apps

· Connectivity to a broad range of Windows and custom applications and peripherals

· Power to drive rich, fluid graphics locally or via desktop virtualization protocols: Microsoft® RemoteFX/RDP, Citrix® HDX and PCoIP

· Ideal for unified communications

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 Cloud Client Manager™ – allows you to securely manage thin clients, mobile devices and employee access to corporate applications and content all from a single cloud-based console. Empower your workforce, protect your data and cut costs

*5000 and 7000 series models

Wyse enhanced Linux based thin clients

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

Wyse software can further enhance the Wyse Enhanced Linux user experience.

Learn more here.

Quick compare   Specifications

Wyse enhanced Linux & ThinLinux endpoints

Hardware platforms

Dual and quad core platforms, address a wide range of budget, application, and performance needs.

Continue

Compare

Dell.com

Wyse 3030 LT thin client with ThinLinux
Features

Secure thin client with excellent performance

The Wyse 3030 LT is a cost-effective yet very secure thin client that offers outstanding performance for an entry-level device. It features enhanced security with Wyse ThinLinux, along with easy management and excellent display performance.

Offering a wide range of connectivity options, the Wyse 3003 LT has four USB ports, including one USB 3.1 port, as well wired and as optional wireless network connections. It comes ready to connect to Citrix, Microsoft, and VMware right out of the box and offers right-sized management for different use cases, on-premise with "hands off" file server with Wyse Device Manager, or cloud-based with Wyse Cloud Client Manager.

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.

Don't forget the monitor!

Only Dell monitors are tested and verified to work with Wyse clients.

Learn which award winning Dell monitors are compatible with this client.

See connectivity here.

ThinLinux Benefits

Better User experience: Designed to provide a superior user experience, ThinLinux offers an intuitive, clean and Windows UI-like feel for quick user adoption.

Highly Secure: ThinLinux is based on SLES 12 Linux that has been further hardened and optimized for thin client environments. It minimizes malware, viruses, and patching, provides robust 802.1x wireless authentication, and delivers expanded industry certifications. For additional security, ThinLinux also supports single sign-on.

Better connected: ThinLinux features broad broker support including Citrix Receiver 13.3, RDP and VMware View and support for unified communication platforms including Skype for Business, Lync 2013 and Lync 2010.
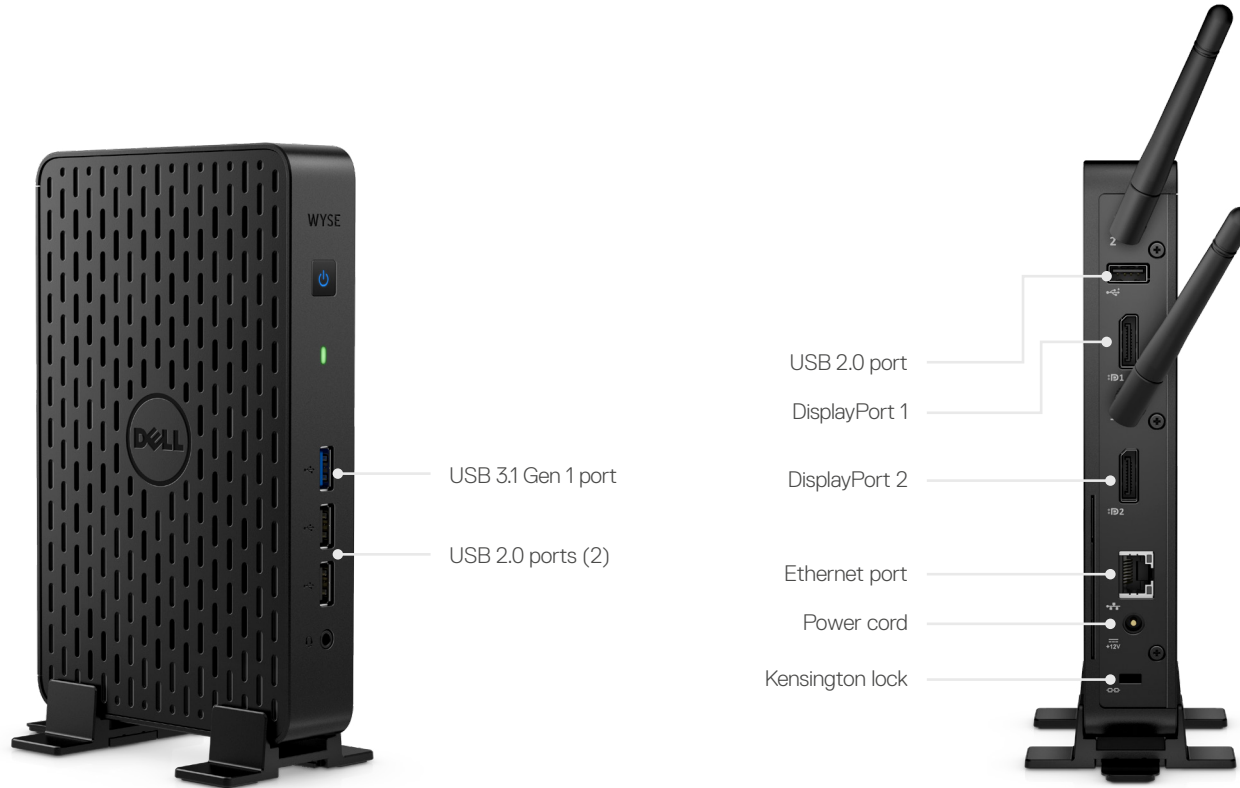
Product page

Specifications

Compare

USB 3.1 Gen 1 port

USB 2.0 ports (2)

USB 2.0 port

DisplayPort 1

DisplayPort 2

Ethernet port

Power cord

Kensington lock

Product page

Specifications

Compare

Wyse 3040 thin client with ThinLinux
Features

Optimal endpoint for light multi-tasking

The Wyse 3040 is a highly efficient thin client delivering strong performance and great value for task and basic productivity users in virtual desktop environments. Based on an Intel quad-core processor, this thin client offers enhanced performance for light multi-tasking and offers

great display performance for Citrix, Microsoft, or VMware digital workspaces across two displays (2560 x 1600 @60 Hz).

The Wyse 3040 offers excellent multimedia capabilities and essential protocol and peripheral support including VMware Blast Extreme remote protocol a wide range of connectivity options including two DisplayPort interfaces, four USB ports, one of which is USB 3.1, as well as wired and wireless network connections.

Extremely compact and energy efficient, the Wyse 3040 runs on less than 4 watts and offers many years of efficient, secure and high-performance service.

Don't forget the monitor!

Only Dell monitors are tested and verified to work with Wyse clients.

Learn which award winning Dell monitors are compatible with this client.

See connectivity here.

ThinLinux Benefits

Better User experience: Designed to provide a superior user experience, ThinLinux offers an intuitive, clean and Windows UI-like feel for quick user adoption.

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Better connected: ThinLinux features broad broker support including Citrix Receiver 13.3, RDP and VMware View and support for unified communication platforms including Skype for Business, Lync 2013 and Lync 2010.

Product page

Specifications

Compare

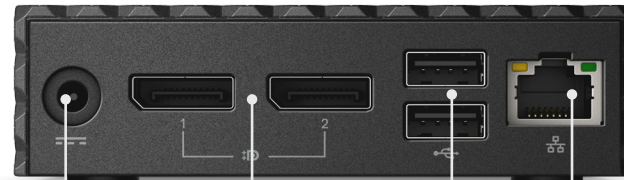# Wyse 3040 thin client with ThinLinux
Connectivity

Wyse 3040

DELL

Composite
audio jack

USB 2.0 port

USB 3.1 Gen 1 port

Power

DisplayPort
Interfaces

USB 2.0
ports

RJ45

Product page

Specifications

Compare

Wyse 5010 and 5020 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 enhanced Linux experience for demanding knowledge workers and power users. With its extremely compact size and high performance, it's great as a virtualization 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.

Wyse 5010 thin client: The dual core 5010 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, Dell vWorkspace and HD video enabled.

Wyse 5020 thin client: The 5020 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.

Linux Benefits

Powerful: Wyse enhanced Linux delivers excellent performance and high definition graphics/video support.

Secure: Wyse enhanced Linux minimizes the risk of malware/virus attacks, and reduces the need for frequent patching. Enable AES encryption with AES password encryption tool.

Efficient: Wyse enhanced Linux is easy to deploy, configure, and manage, while offering a simplified experience for users. It also requires a smaller image size (~500MB) compared to Windows images.

Adaptable: Ideal for use cases needing multimedia, flash redirection and unified communications.

Simple: Easy to deploy, configure, and manage. Knowledge of Linux not required.

Don't forget the monitor!

Only Dell monitors are tested and verified to work with Wyse clients.

Learn which award winning Dell monitors are compatible with this client.
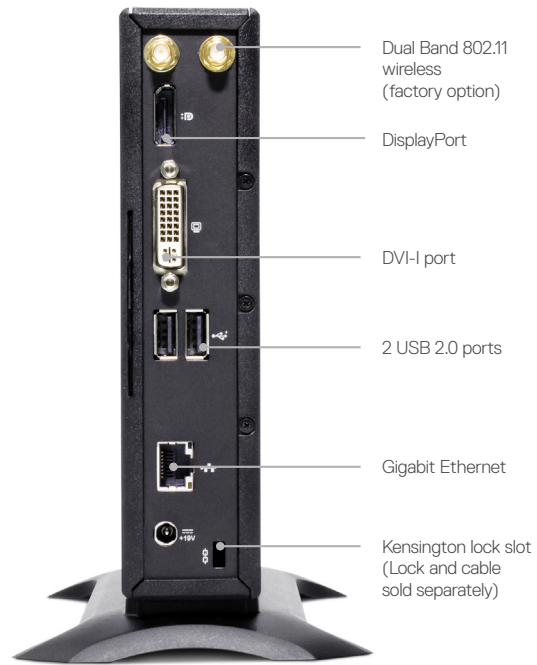
See connectivity here.

Product page

Specifications

Compare

Wyse 5010 and 5020 series thin clients
Connectivity

Dual Band 802.11 wireless (factory option)

DisplayPort

DVI-I port

2 USB 2.0 ports

Gigabit Ethernet

Kensington lock slot (Lock and cable sold separately)

Rear view 5010

Dual Band 802.11 wireless (factory option)

DisplayPort

DVI-I port

2 USB 2.0 ports

2 USB 3.0 ports

Gigabit Ethernet

Kensington lock slot (Lock and cable sold separately)

Rear view 5020

WYSE

2 USB 2.0 ports

Composite digital audio

Product page

Specifications

Compare

Wyse 5060 series thin client
Features

High performance with high-end security

Designed for knowledge workers demanding powerful virtual desktop performance, the Wyse 5060 is a high-performance, highly-efficient quad core thin client which provides greater security options and complete virtual workspace compatibility with Citrix, Microsoft and VMware. The Wyse 5060 is easy to deploy and manage, and offers enhanced user experience with dual 4K support, robust connectivity options and support for VMware Blast Extreme protocol.

The Wyse 5060 thin client features an AMD 2.4GHz quad core processor and supports dual 4K (3840x2160 @30Hz) monitors and multiple connectivity options with six USB ports, two of which are USB 3.1 for high-speed peripherals, as well as two DisplayPort connectors, wired networking or optional 802.11 a/b/g/n/ac dual band wireless.

The Wyse 5060 thin client can be monitored, maintained, and serviced remotely via Wyse Device Manager (WDM) or Cloud Client Manager (CCM).

ThinLinux Benefits

Better User experience : Designed to provide a superior user experience, ThinLinux offers an intuitive, clean and Windows UI-like feel for quick user adoption.

Highly secure: ThinLinux is based on SLES 12 Linux that has been further hardened and optimized for thin client environments. It minimizes malware, viruses, and patching, provides robust 802.1x wireless authentication, and delivers expanded industry certifications. For additional security, ThinLinux also supports single sign-on.

Better connected: ThinLinux features broad broker support including Citrix Receiver 13.3, RDP and VMware View and support for unified communication platforms including Skype for Business, Lync 2013 and Lync 2010.

Don't forget the monitor!

Only Dell monitors are tested and verified to work with Wyse clients.

Learn which award winning Dell monitors are compatible with this client.
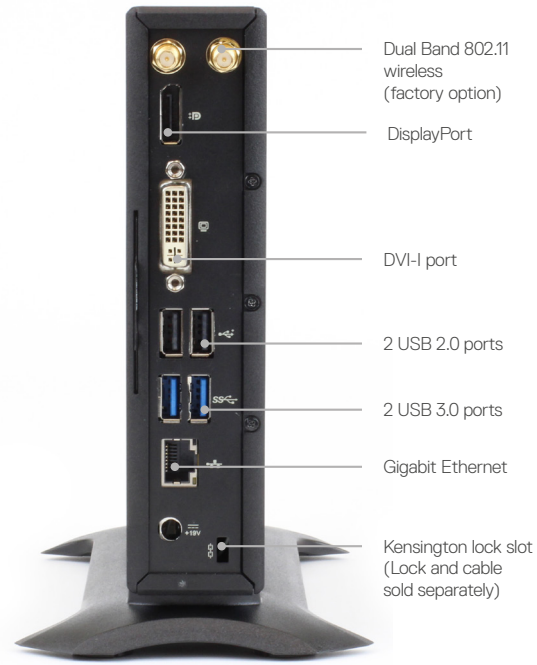
See connectivity here.

Product page

Specifications

Compare

Wyse 5060 thin client
Connectivity

Wifi Antennae

Power button

2 USB 2.0 ports

Composite Audio
(In & Out)

WYSE

2 Display Ports

2 USB 2.0 ports

2 USB 3.1 Gen 1 ports

RJ45 Ethernet

Power Input

Product page

Specifications

Compare

Wyse 7000 series thin clients
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. 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 3.1 and USB 2.0 ports are standard. There is an optional legacy connectivity module for serial, parallel, and PS/2 connections.

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 Windows® virtual desktop and cloud applications, including rich content creation and consumption, HD video, unified communications, and 3D graphics.

Wyse 7020 thin client: The quad core 7020 delivers the best performance for power users who need even higher-end graphics, or graphics intensive workloads. The 7020 offers the best performance for displaying, manipulating and work with stunning high definition multimedia, 2D/3D graphics, HD video, computer aided design and modeling.

Wyse 7020 thin client with Quad Display: The 7020 thin client is also available as a powerful quad-core quad-display device in a small form factor, workstation class desktop thin client. Create and consume HD content on up to four displays. Secure Wyse SUSE Linux enables unified communication, while reducing malware, viruses, and patching. Streamlined OS is easy for IT to deploy and easy for users to operate.

Don't forget the monitor!

Only Dell monitors are tested and verified to work with Wyse clients.

Learn which award winning Dell monitors are compatible with this client.
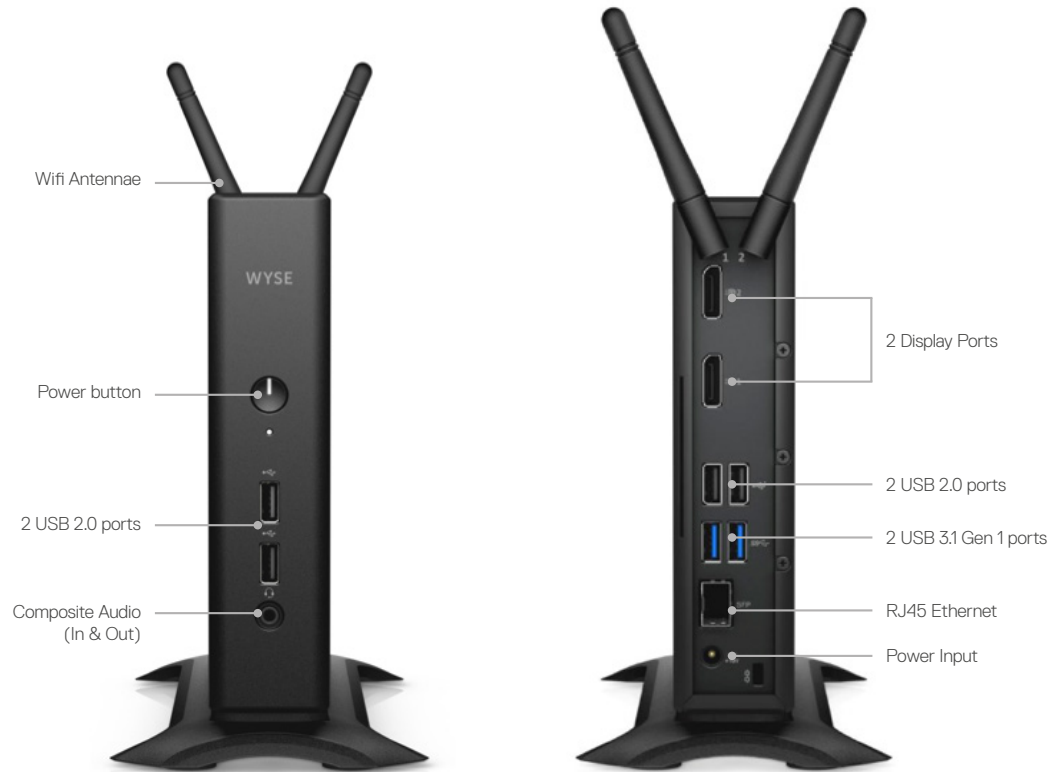
7000 series connectivity here.

Linux Benefits

Powerful: Wyse enhanced Linux delivers excellent performance and high definition graphics/video support.

Secure: Wyse enhanced Linux minimizes the risk of malware/virus attacks, and reduces the need for frequent patching. Enable AES encryption with AES password encryption tool.

Efficient: Wyse enhanced Linux is easy to deploy, configure, and manage, while offering a simplified experience for users. It also requires a smaller image size (~500MB) compared to Windows images.

Adaptable: Ideal for use cases needing multimedia, flash redirection and unified communications.

Simple: Easy to deploy, configure, and manage. Knowledge of Linux not required.

Product page
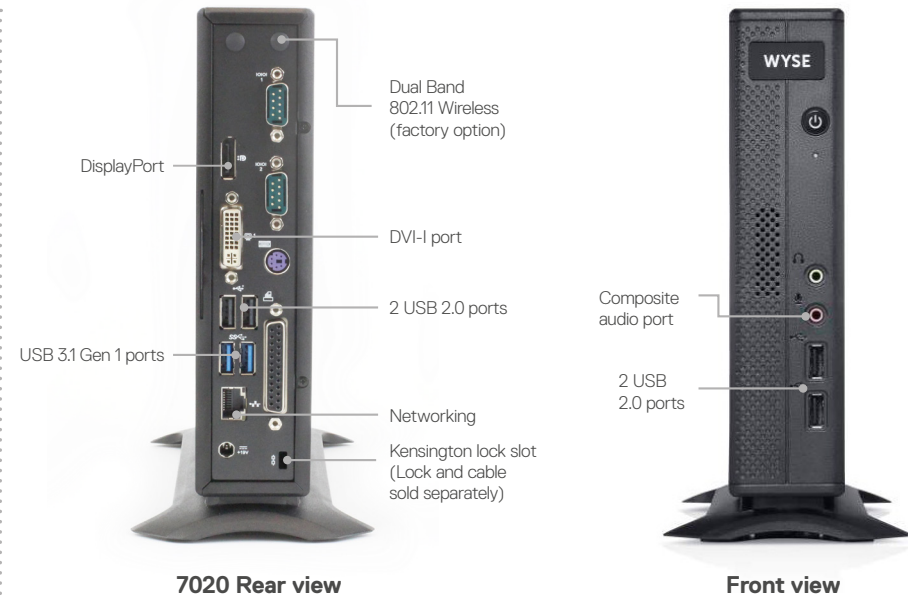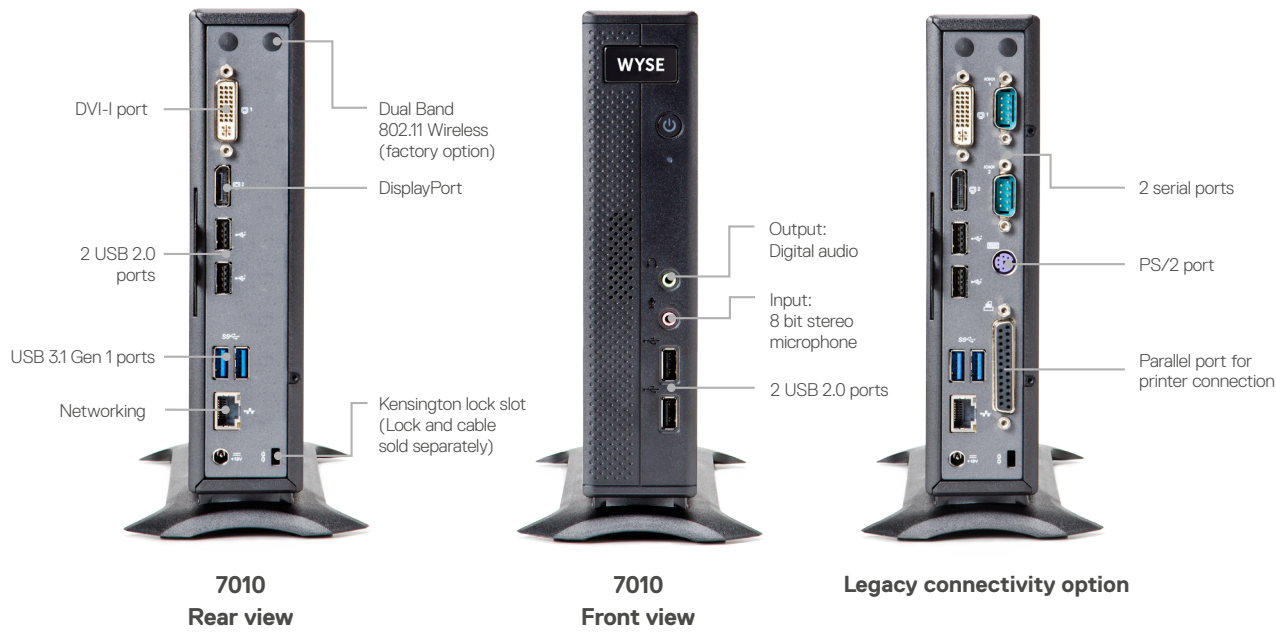
7000 series Specifications

Compare

Wyse 7000 series thin clients

Connectivity

DVI-I port

Dual Band
802.11 Wireless
(factory option)

DisplayPort

2 USB 2.0
ports

USB 3.1 Gen 1 ports

Networking

Kensington lock slot
(Lock and cable
sold separately)

**7010
Rear view**

WYSE

Output:
Digital audio

Input:
8 bit stereo
microphone

2 USB 2.0 ports

**7010
Front view**

2 serial ports

PS/2 port

Parallel port for
printer connection

Legacy connectivity option

DisplayPort

Dual Band
802.11 Wireless
(factory option)

DVI-I port

2 USB 2.0 ports

USB 3.1 Gen 1 ports

Networking

Kensington lock slot
(Lock and cable
sold separately)

7020 Rear view

WYSE

Composite
audio port

2 USB
2.0 ports

Front view

7000 series connectivity continued.

Product page

7000 series Specifications

Compare

Wyse 7000 series thin clients

Connectivity

Internal wireless
802.11 a/b/g and
quad-band n
(factory option)

DisplayPort

DVI-I port

2 USB 2.0 ports

2 USB 3.1 Gen 1 ports

2 DisplayPorts

10/100/1000
Gigabit Ethernet
*Optional SFP
Module

Kensington lock slot
(Lock and cable
sold separately)

Composite
audio port

2 USB
2.0 ports

7020 Quad Display Rear view

Front view

*Support for Fiber NIC network connectivity (mutually exclusive with RJ45)
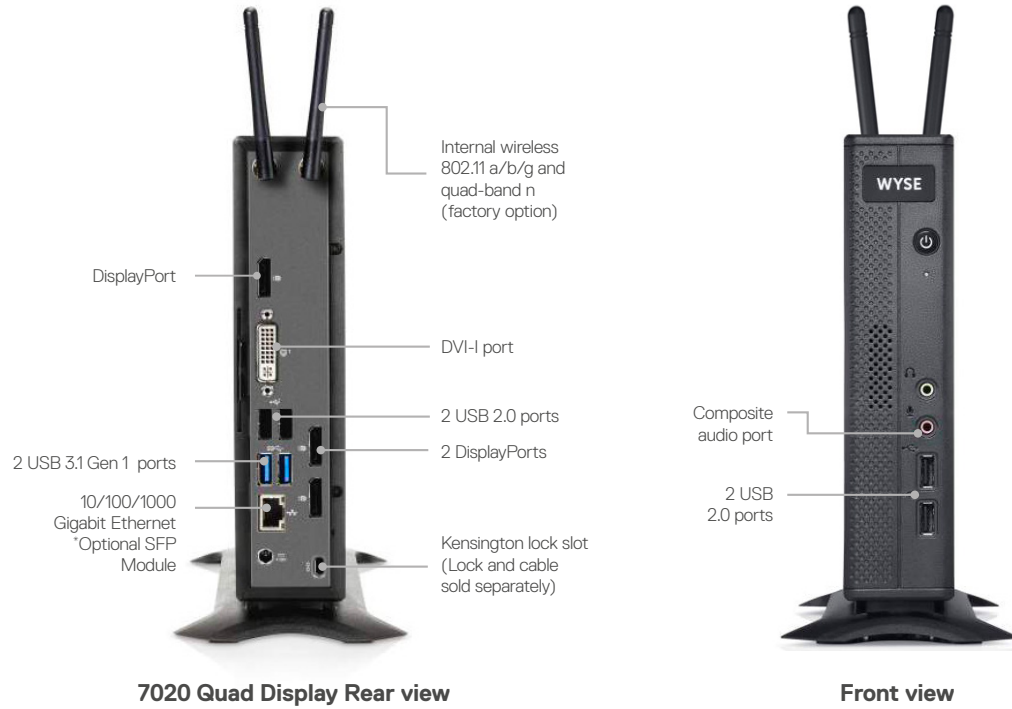
Product page

7000 series thin client Specifications

Compare

Wyse Device Management

Easy Central Management

With Wyse management software, Wyse Enhanced Linux 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.

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 employeeowned 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.

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
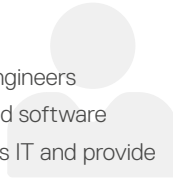
Learn more here.
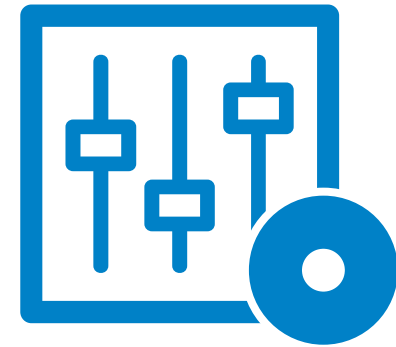
Wyse Enhanced
Linux Specifications

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

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.

Insights

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

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.

Ease

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

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

Wyse Enhanced Linux

Specifications

Firmware features	Wyse Enhanced Linux Firefox browser Citrix Receiver 13.X Microsoft RemoteFX® (RDP 8.1) VMware Horizon View 3.X Client Dell vWorkspace 8.5 Ericom PowerTerm InterConnect Terminal Emulation
Server OS Infrastructure support	Citrix XenApp / Citrix Presentation Server Citrix XenDesktop VMware Horizon View Microsoft Windows® Remote Desktop Services 2003 & 2008 R2, 2012 Microsoft VDI Dell vWorkspace
Security	Requires strong default password for the default user & administrator 802.1x protocol support NIST BIOS option Smart card/CAC card support AES Password Encryption Tool
Set-up and configuration	Boot from local flash 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	Wyse Device Manager
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

Plug-ins	Adobe Flash Player
Wyse TCX Suite	Users of thin clients to experience improved Flash performance
Supported platforms	Wyse 5010, 520, 7010 and 7020

Continue

Wyse ThinLinux

Specifications

Firmware features	Firefox browser Citrix Receiver 13.X Microsoft RemoteFX (RDP 8.1) VMware Horizon View 4.2 Client Ericom PowerTerm Terminal Emulation
Linux Kernel	3 .12.x with latest driver packages and library set
Security	802.1x protocol support NIST BIOS (on Wyse 3030 LT) Single Sign-on Smart card/CAC card support AES Password Encryption Tool
Server OS Infrastructure support	Citrix XenApp / Citrix Presentation Server Citrix XenDesktop VMware Horizon Microsoft Windows® Remote Desktop Services 2003 & 2008 R2, 2012 Microsoft VDI
Set-up and configuration	Boot from local flash Multiple language option INI server (FTP server) based configuration Local configuration UI
Protocol support	TCP/IP, DNS, DHCP, PXE
Management	Wyse Device Manager, Cloud Client Manager

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
Hardware supported	Wyse 3030 LT, Wyse 5020(D50Q) Wyse 7020(Z50Q and Z50QQ)

Continue

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 3.1 Gen 1 (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 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

Wyse 3030 series thin client Features

Wyse 3040 thin client
Specifications

Processor	Intel Atom x5-Z8350 1.44GHz quad-core processor
Memory	2GB DDR3L 1600MHz, solder down
Storage	8GB(for ThinOS configurations) eMMC flash chip, solder down
I/O Peripheral Support	3 x USB 2.0 1 x USB 3.1 Gen 1 2 x DisplayPort 1 x 1Gb/s RJ45 1 x audio-mic combo jack
Networking	Dual band 802.11 a/b/g/n/ac wireless with optional Bluetooth 10Mb/100Mb/1Gb Copper RJ45 (Wired Ethernet)
Display	Dual display support for 2560x1600 @ 60Hz (non daisy chaining)
Audio	Audio-mic combo jack
Power Consumption	Less than 4 watts
Dimensions	Height 101.6mm (without stand) Width 27,94mm Depth 101.6
Weight	0.24 kg (0.53 lbs)
Temperature Range	Operating: 32°to 104°F (10°to 40°C) Storage: 14° to 140°F (-10°-60°C)

Humidity	20% to 80% condensing. 10% to 95% non-condensing
Warranty	Three-year limited hardware warranty with optional ProSupport
Support and deployment	Complete services portfolio including Deployment Services, ProSupport and Accidental Damage service

Wyse 3040 series
thin client Features

Wyse 5010 and 5020 series thin clients

Specifications

Processors	5010: AMD G-Series T48E Dual Core 1.4GHz with integrated AMD Radeon™ HD 6250 graphics 5020: Standard: AMD G Series quad core 1.5GHz processor / AMD G-T48E
Memory	5010: 8GB Flash / 2GB RAM DDR3 8GB Flash / 2GB RAM DDR3-1600MHz. Maximum: 8GB Flash and 4GB RAM
Graphics	5010: AMD Radeon™ HD 6250 graphics (integrate with APU) 5020: 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
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-PEAP and EAP-TLS with MSCHAPv2; 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 5020: Two SuperSpeed USB 3.1 Gen 1 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 USB optical mouse included (varies by region)

Factory options	SSD storage Single and dual band 802.11 a/b/g/n integrated wireless with external dual antenna
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	5010: Under 9 watts (average)
Temperature range	Operating, vertical position: 32º to 104º F (10º to 40º C) Storage: 14º to 140º F (-10º to 60º 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 5010: Energy Star®, EPEAT Silver listed
Warranty	Three-year Limited Hardware Warranty Support and Deployment - complete services portfolio including Deployment Services, ProSupport and Accidental Damage service

Wyse 5010 and 5020 series thin client Features

Wyse 5060 series thin clients

Specifications

Processors	2nd Generation AMD Embedded G-Series SoC 2.4 GHz
Client OS	ThinOS, ThinLinux, WES7P and Windows 10 IoTE
Memory Configuration	Storage: 64GB Flash SATA Memory: 4GB DDR3 RAM
I/O peripheral support	4 x USB 2.0 2 x USB 3.1 Gen 1 1 x universal headset jack Bluetooth (only with WiFi) 2 X DisplayPort 1 x 1Gb/s RJ45 2 X Dual Band 802.11a/b/g/n/ac wireless antenna
Networking	802.11 a/b/g/n/ac dual band, 10/100/1000Mbps Ethernet (RJ45)
Security	Trusted Platform Module 1.2 (TPM) supported on configurations with WES7P; Trusted Platform Module 2.0 (TPM) supported on configurations with Win10 IoT; Built-in Kensington Security Slot (cable sold separately)
Display Resolution	Dual display up to 3840x2160 @ 30Hz or 2560x1600 @ 60Hz
Audio	Integrated Speakers Universal headset jack
Power consumption	Under 25 watts

Temperature range	Operating: 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
Dimensions	Height: 6.69 inches (170 mm) / Width: 1.57 inches (40 mm) Depth: 7.28 inches (185 mm) / Weight: 2.05 lbs. / 0.93 kg
Warranty	Three-year limited hardware warranty with optional ProSupport
Suuport and deployment	Complete services portfolio including Deployment Services, ProSupport and Accidental Damage service

Wyse 5060 series
thin client Features

Wyse 7000 series thin clients

Specifications

Processors	7010: Dual-core AMD G-T56N 1.65 GHz 7020: Quad core AMD G-series SoC 2.0GHz 7020 Quad Display: Quad Core AMD GX-415GA 1.5GHz
Memory	7010: 8GB Flash/2GB RAM DDR3, expandable to 64GB Flash/4GB RAM 7020 / 7025:8GB Flash/2GB RAM DDR3-1600MHz, expandable to 64GB Flash/8GB RAM
Graphics	7010: AMD Radeon™ HD 6320 graphics (integrated with APU) 7020 / 7025: AMD Radeon™ HD graphics (integrate with APU)I
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 Quad display: DVi-I 1920x1200@32bpp / DisplayPort (3) 2560x1600 @32bpp
Networking/Comm	10/100/1000 Gigabit Ethernet Optional internal wireless 802.11 a/b/g and dual-band n
Security compliance	Security compliance: Security protocols supported for both wireless, and 802.1x network based authentication: EAP-PEAP, EAP-TLS with MSCHAPv2, EAP-GTC; WEP; WPA Personal; WPA2 Personal; WPA Enterprise; WPA2 Enterprise 7010: Optional Built-in TPM chip for security
I/O peripheral support	7020: One DisplayPort (optional DisplayPort to DVI-D adapter, sold separately) One DVI-I port, DVI to VGA (DB-15) adapter included 7020 Quad Display: 3 DisplayPort and 1 DVI-I Four USB 2.0 ports (two front, two rear) Two SuperSpeed USB 3.1 Gen 1 ports on rear (backwards-compatible with USB 2.0) Optional legacy connectivity (adds 2 serial ports, 1 parallel port and 1 PS/2 port)
Audio	7010: 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 7020: Composite audio jack: 1/8-inch mini, 16-bit stereo
Included	Enhanced USB keyboard with USB optical mouse included (varies by region)

Factory options	SSD storage / Internal wireless 802.11 a/b/g and dual-band n 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	7010 / 7020 / 7020 Quad Display: Height: 7.87 inches (200 mm) Width: 1.85 inches (47 mm) / Depth: 8.85 inches (225 mm) 7010: weight 2.42 lbs (1.1kg) / 7020: weight 2.57 lbs (1.17 kg) 7020 Quad Display: weight 3.03 lbs (1.38 kg)
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 9 watts / 7020 under 10 watts / 7020 Quad Display under 21 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 7010: Energy Star & EPEAT listed
Warranty	Three-year Limited Hardware Warranty Support and Deployment - complete services portfolio including Deployment Services, ProSupport and Accidental Damage service

Wyse 7000
series thin client
Features

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