WYSE

Wyse® T class™

New standards for entry level thin clients.

Wyse T class: **All you need to know. Here.** ▶

Introducing the Wyse T class

The new standard for entry level

Great to use. Great to manage.

Users will enjoy its vibrant multimedia and Flash that plays in VDI and its advanced local browser. It's easy to live with too, as the T50 is powered by Wyse-enhanced Linux featuring a simple user interface and a brisk 20 second "plug and display" start up. The T50 is an RDP 7 compatible client (unique for entry level clients) and is an ideal platform that's certified for Citrix Online Plugin 11.x Client with HDX – and VMware View Open Client – and provides support for Wyse TCX and VDA. Managers will especially welcome the T50's auto configuration and management as featured elsewhere in Wyse's premium thin and zero clients.

T50

Entry level
thin client

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The best user experience. On a budget.

New Wyse T50 is a compact affordable and flexible entry level thin client.
It delivers the best Web, Citrix, Microsoft and VMware VDI user experience and
performance to IT executives needing to equip their task workers with an enterprise
standard client on a budget. Wyse T50 does this by featuring technology found across
the premium range of Wyse cloud clients.
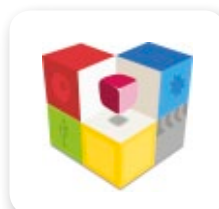
Performance

Connectivity

Mounting options

Green

**Thin client
Management**

**User Experience
Optimization**

**User Experience
Acceleration**

**Take a tour of the
Wyse T class range** ▶

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Performance thin client

No compromise performance boost

At the heart of the new Wyse T50 beats the very latest Marvell ARM v6/v7 1.0 GHz processor delivering 150% better performance than the older 1.2GHz technology, over remote protocols like RDP. Coupled with its built in hardware media processor the T50 delivers smooth multimedia, bi-directional audio and Flash playback performance.

ARM v6|v7

Processor

Wyse T class features an ARM v6/v7 1.0 GHz processor and is ready to work in under 20 seconds.

Continue tour ▶

Connectivity

Wyse T class standard configuration, connects right out of the box

Unlike other entry level budget clients, the Wyse T50 arrives ready to connect to a huge array of environments including web based applications and services. It works seamlessly within Citrix, Microsoft and VMware environments and features the advanced Chromium web browser. Users can enjoy two monitors using the DVI-I display option and high speed networking with support for Gigabit Ethernet and optional integrated b/g/n WiFi.

Front of device

SD card slot

2 USB 2.0 ports

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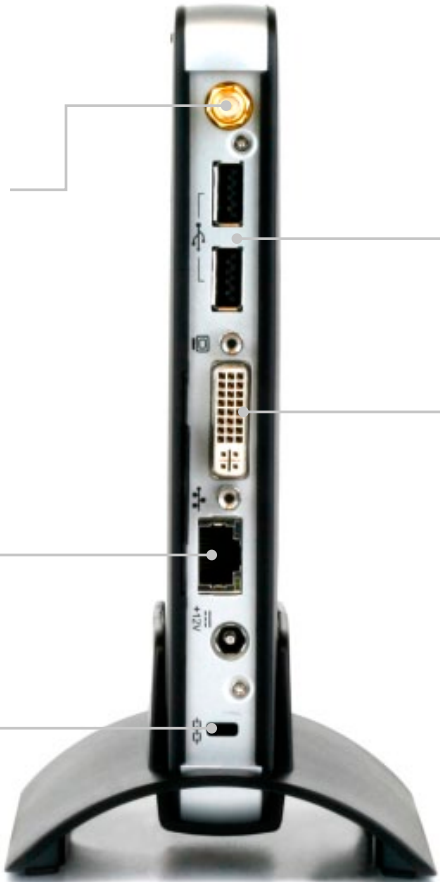
Input: 1/8-inch mini jack, 8 bit stereo microphone

Optional 802.11 b/g/n Wireless

2 USB 2.0 ports

DVI-I port

RJ45 (10/100/1000Mbps) network port

Kensington lock slot

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Mounting options

The Wyse T class family can be placed horizontally or vertically (with optional feet) on desktops, mounted to walls and even behind monitors.

Horizontal

Included stand allows the Wyse T class to be used horizontally.

Back of monitor or wall mounting

The included horizontal stand enables mounting to the rear of a monitor (this requires the four industry standard mounting points to be free). The same bracket can be used for wall mounting.

Vertical

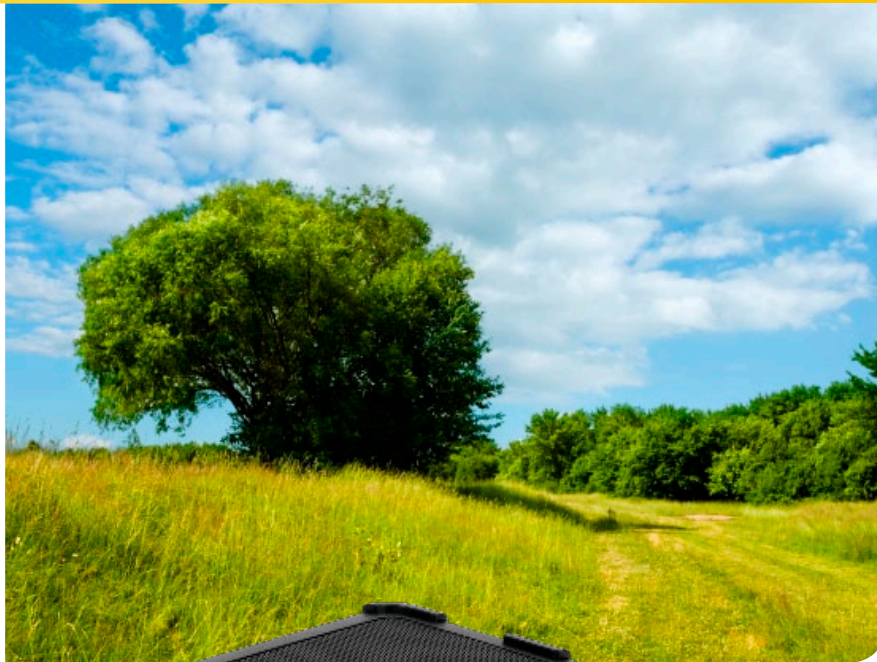Wyse T class clients are available with optional feet for vertical use.

Continue tour ▶

Green computing without compromise

That's Wyse EarthSmart™ computing

Saves budget. Saves the environment too.

New Wyse T50 delivers great value from day one and will keep on doing so with a lower TCO than other solutions. All while delivering vital green credentials with its ENERGY STAR Version 5.0 and EPEAT compliance.

Green Power

Wyse has implemented an ISO 14001-based environmental management system and WEEE recycling processes, and all Wyse products meet stringent ROHS requirements.

Learn more

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

EarthSmart Computing™

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Thin Client Management Wyse Device Manager

Wyse Device Manager (WDM) addresses key management requirements for deploying powerful thin clients. With its centralized management and administration WDM helps IT departments deliver more effective remote thin client support while minimizing end user downtime.

Security is assured with HTTPS based imaging, updates and downloads.

WDM delivers organization-wide benefits:

Operations	Centralized management.
	Collect and organize asset information.
Administration	Health status reports.
	Automated client settings.
	Update client firmware and add applications.
End User IT Costs	Easier more effective remote support.
	Create custom scripts and packages.
Minimize downtime	Restart or reset thin clients in less than a minute.
	Enforce policies. Minimize user errors.

At a glance features.

Security	HTTPS Based Imaging / Updates
	Fully Encrypted Network Traffic
	Delegated Admin Access (MS AD) Support
No-Hassle Deployment	Complete Device Imaging / Patching / Updates
	Bandwidth Throttling for Efficiency / Reliability
	Software Updates and Add-ons
Device Administration and Monitoring	Device Health Status / Reporting
	Remote Shadowing / Control
	Default Device Configuration
Reduce End User IT Costs	Reduce energy consumption with scheduled up/down times
Scalability	Distributed Architecture
	Microsoft SQL Database Support
	Multiple Remote Repository Support
Complete Asset Visibility	Automated device discovery
	Detailed Hardware Asset information
	Installed Software Asset information

Wyse WDM™

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User Experience Optimization Wyse TCX™ Suite

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

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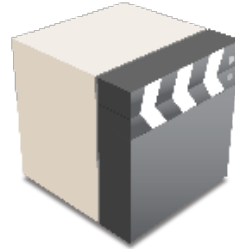
Multi-display

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

USB Virtualization

Enables plug and play peripheral support for virtual desktop environments.
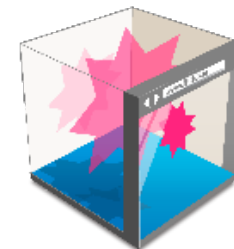
- Redirect and use local USB devices in virtual desktops.
- Deploy virtual desktops to knowledge workers with special device access needs.
- Enable a broad set of USB peripherals including webcams and headsets.

Multimedia acceleration

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

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

Flash acceleration

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

Bi-directional sound

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

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Virtualization Software Wyse Virtual Desktop Accelerator

Removing the barriers of network latency

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

Wyse VDA is a software-only solution for Wyse thin clients and supported PCs that delivers the best user experience for the allocated network bandwidth by neutralizing the effects of network latency and packet loss. Making 'thin' suitable for more remote-site, branch, or field-based users.

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

At a glance features.

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

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Technical Wyse T class specifications

The Wyse T class is configured to work with
Wyse Enhanced Ubuntu™ Linux operating systems.

Want to learn more? Simply click the relevant icon.

**Wyse T class
specifications**

**Wyse Enhanced
Ubuntu™ Linux**

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Specifications

Wyse T50 thin client

Processors	Marvell ARM v6/v7 1.0 GHz processor
Memory	1GB Flash / 1GB RAM
I/O peripheral support	Four USB 2.0 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) SD Card Slot Enhanced USB Keyboard with Windows Keys (104 keys) and PS2 mouse port PS/2 Optical mouse included
Multimedia decoding	H.264, WMV9/VC1 Up to 720p local browser Flash support
Networking	RJ45 (10/100/1000Mbps) **Factory options:** Optional 802.11 b/g/n wireless support: WPA Personal, WPA2 Personal, WPA Enterprise, WPA2 Enterprise, WPA Enterprise Authentication support.
Display	Single: Up To 1920x1200@24bpp Dual: Up To 1920x1080@24bpp
Audio	Output: 1/8-inch mini jack Input: 1/8-inch mini jack, 8 bit stereo microphone
Mountings	Stand for horizontal use and VESA/Wall mounting (included) or vertical feet (optional)

Device Security	Built-in Kensington security slot (cable sold separately)
Physical characteristics	Height: 1 inch (25mm) Width: 6.9 inches (177mm) Depth: 4.69 inches (119mm)
Shipping Weight	1.003 lbs (.455kg)
Power	Worldwide auto-sensing 100-240 VAC, 50/60 Hz. Energy Star V5.0 Phase V external and EuP compliant power adapter Average power usage with device connected to 1 keyboard with 1 PS/2 mouse and 1 monitor: Under 7.2 watts
Temperature Range	Operating: 32° to 104° F (10° to 40° C), horizontal and vertical positions Storage : 14° to 140° F (-10° to 60° C)
Humidity	20% to 80% condensing 10% to 95% non-condensing
Safety Certifications	German EKI-ITB 2000, ISO 9241-3/-8 cULus 60950, TÜV-GS, EN 60950 FCC Class B, CE, VCCI, C-Tick WEEE, RoHS Compliant Energy Star & EPEAT compliant
Warranty	Three-year hardware warranty

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Software specifications

Wyse Enhanced-Linux

Firmware features	Wyse Enhanced Ubuntu* Linux Automatic Central Configuration Automatic Upgrades (FTP, HTTP, HTTPS) Secure, read-only file system with lockdown abilities Wyse RDP client (RDP7 Compatible) Citrix Online Plugin 11.x client (ICA 11.x) w/ HDX Mediastream, Plug-n-Play, Realtime, etc. VMware View Open Client compatible with View 4.5 (RDP) Web-based applications (Chromium browser, Flash, etc) SSH
Server OS Infrastructure Support	Citrix XenApp / Citrix Presentation Server Citrix XenDesktop VMware View Microsoft Windows Terminal Server 2003 & 2008
Keyboard language support	100+ Keyboard Layouts supported locally (English, German, Spanish, French, Italian, Dutch, Chinese, Japanese, Turkish)
Management	Automatic, "hands-off" configuration and upgrading of thin clients without the need for device management software. Optionally, administrators can choose to integrate with Wyse Device Manager (WDM) for more hands-on control: - Complete image upgrade - Wake terminal remotely (Wake-on LAN) - Remote screen shadowing of entire desktop (VNC) - Asset management and reporting

Wireless support	WPA Personal, WPA2 Personal, WPA Enterprise WPA Enterprise Authentication support PEAP/TLS: PAP/MSCHAP/MSCHAPV2 support
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 utlilizing 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	Neutralizes the effects of network latency and packet loss, making 'thin' more suitable for more remote-site, branch, or field-based users by boosting RDP and ICA up to 20 times on networks with latencies up to and exceeding 300ms and at least 768kbps bandwidth.

* UbuntuTM is a registered trade mark of Canonical Group Limited

Contact Wyse

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Wyse Sales

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International customers please dial:

00 1 408 473 1200

Wyse Support Portal

Wyse Support Portal provides a fast and accurate way to communicate interactively with Wyse Customer Support, and helps us respond to your requests more quickly.

http://support.wyse.com/selfservice.html

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

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THE GLOBAL LEADER IN
CLOUD CLIENT COMPUTING

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At a glance

Performance

Marvell ARM v6/v7 1.0 GHz processor delivering 150% better performance than older 1.2 GHz technology,

Operating systems

Wyse-enhanced Linux.

Connectivity

DVI-I interface with optional splitter cable enabling use of 2 monitors. Four USB 2.0 ports, Gigabit ethernet connectivity and optional WiFi 802.11 b/g/n support.

Management

Features Wyse auto-configuration and management software found on premium thin and zero clients. For customers that desire a little more hands-on approach (such as asset tracking, reporting, etc) then integration with Wyse Device Manager is built-in.

Multimedia performance

Hardware accelerated video decoding for smooth multimedia VC1/WMV9, and H.264 playback.

Green

Energy Star Version 5.0 and EPEAT compliance.

Specifications — Wyse T50 thin client

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