

Wyse® P20™

The new virtual desktop system that's: Smart. Small. Simple

WYSE

THE GLOBAL LEADER IN
CLOUD CLIENT COMPUTING

Combining small size and excellent performance, while being completely operating system independent.

Smart. Small. Simple.

For virtual desktop or blade PC environments, the Wyse P20 delivers workstation class performance for advanced applications including CAD, 3D solids modeling, video editing and advanced worker level office productivity. Based on a hardware PCoIP® engine, this stateless zero client requires no local operating system. Unlike more flexible software-based implementations, this dedicated hardware PCoIP engine delivers the highest level of display performance available. Whilst it's just the size a notebook, the Wyse P20 is a fully functional and compact virtual system that eliminates the need for a desktop, yet gives a feeling of a true PC experience. The Wyse P20 includes elements for the high end user such as: multiple display support, multimedia playback, HD audio and four USB peripheral ports.

The Wyse P20 platform resolves the challenges of provisioning, managing, maintaining and securing enterprise desktops. Offering a truly uncompromised computing high end user experience with the full benefits of an efficient and secure centralized computing environment.

Advanced performance. Higher quality.

Wyse P20 allows enterprise PCs and workstations to be centrally managed in a data center while providing rich multimedia, high resolution full frame-rate 3D graphics and HD media, and full USB peripheral interoperability locally over a LAN – or remotely over a high-latency WAN.

Wyse P20 optimizes compression algorithms and quality in real-time to achieve the best possible image quality for the available network bandwidth, thus allowing the PCoIP system to operate in various types of networks and data rates.

Noiseless workspaces. Cool performance.

Each Wyse P20 receives and decodes signals from the PCoIP Host to create standard PC interfaces for the display, USB peripherals and audio. Wyse P20 draws under 15.5 watts of power – creating cooler working environments – in every respect.



At a glance:

Rich user experience

- Utilizes PCoIP protocol technology enabling the practical consolidation of all IT resources into the data center.
- Delivers an uncompromised user experience to each desk, anywhere, without incurring the security risks associated with transmitting data across a network.
- Supports high performance dual displays for running high resolution 3D graphics and CAD applications running on the server.

Management

- Wyse Device Manager supports Wyse P20 zero client with scalable enterprisewide management including firmware updates and asset management.

Future proof

- Decodes video transmitted over the network from a PCoIP host card or server and is agnostic to video/media format.
- Resolves the challenges of provisioning, managing, maintaining and securing enterprise desktops.
- No local operating system to maintain.

Connectivity

- Four USB peripheral ports.
- Two single-link DVI-I connectors for dual display supports up to 1920 x 1200.
- Completely driverless and stateless.
- HD audio, headphone and microphone.

Specification

Chip	Teradici 1100P PCoIP™
Memory	128MB RAM
I/O peripheral support	Two single-link DVI-I port (1 VGA adapter included) Four USB 2.0* ports (2 on front, 2 on back) One mic in One line out, One headphone socket Enhanced USB keyboard with Windows Keys (104 keys) PS/2 optical mouse included
LEDs	PCoIP LED and Portal power button LED
Button	Device power button and Remote PC power button
Networking	10/100/1000 Base-T Gigabit ethernet
Display	VESA monitor support with Display Data Control (DDC) for automatic setting of resolution and refresh rate Two independent full resolution frame buffers Single and Dual: 1920x1200@60Hz, Color Depth: 8, 15, 16 or 24bpp.
Audio	Output: 1/8-inch mini jack, full 16 bit stereo Input: 1/8-inch mini jack, 8 bit microphone
Physical characteristics	Height: 8.27 inches (210mm) Width: 5.33 inches (135.4mm) Depth: 1.81 inches (45.9mm)
Shipping Weight	8.15 lbs. (3.7 kg)
Power	Worldwide auto-sensing 100-240 VAC, 50/60 Hz. power supply Average power usage with device connected to 1 keyboard with 1 mouse and 1 monitor: 15.36 Watts
Temperature Range	Vertical position: 50° to 104° F (10° to 40° 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, C-Tick WEEE, RoHS Compliant
Warranty	Hardware warranty: 3 years limited hardware warranty. Visit our web site for WyseChoice extensions and upgrades.

*Applicable to Firmware version 3.5 and above. Limitations apply. Please see release notes for further details.

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Wyse Support Portal:
A fast and accurate way to communicate
interactively with Wyse Customer Support.
<http://support.wyse.com/selfservice.html>