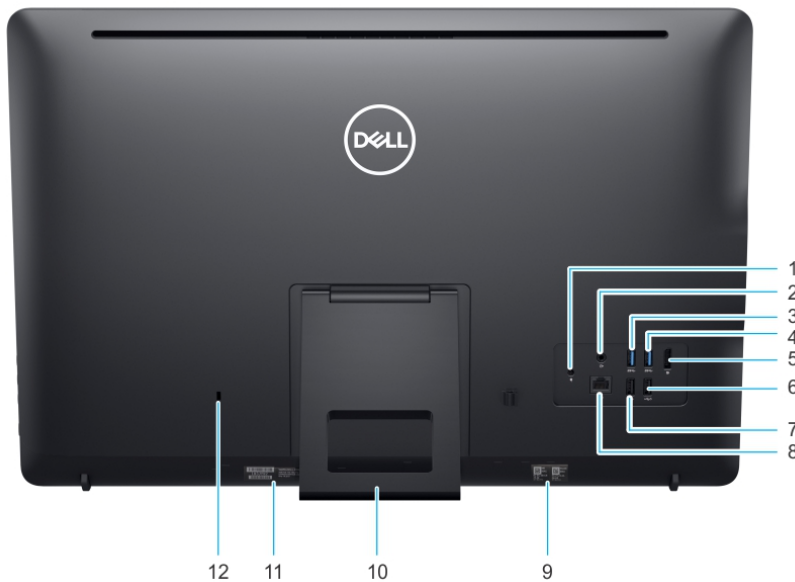


Wyse 5470 AiO Thin Client

Setup and Specifications



1. Left microphone
2. Camera
3. Webcam indicator
4. Right microphone
5. Mouse
6. Right internal speaker
7. Keyboard
8. Left internal speaker



1. DC-in port
2. Audio line out
3. USB 3.1 Gen 1 port
4. USB 3.1 Gen 1 port
5. DisplayPort 1.2a
6. USB 2.0 with Smart Power On
7. USB 2.0 port
8. RJ45 port
9. MAC address label
10. Stand
11. Service tag label
12. Kensington lock



Wyse 5470 AiO Thin Client

Physical specifications

Table 1. Physical specifications

Description	Values
Height	38.53 cm (15.16 inches)
Width	57.62 cm (22.68 inches)
Depth	5.4 cm (2.12 inches)
Starting weight	5.7 kg (12.56 lb) with Easel stand

Chipset

Table 3. Chipset specifications

Description	Values
Type	Integrated with the processor (Intel Gemini Lake)
Non-volatile memory on chipset	Yes
BIOS configuration Serial Peripheral Interface (SPI)	16 MB onboard SPI flash
Trusted Platform Module (TPM) 2.0 Security Device (Discrete TPM Enabled)	24 KB on TPM 2.0 on chipset
Firmware—TPM (Discrete TPM disabled)	By default, the Platform Trust Technology (PTT) feature is visible to the operating system.

Operating system

- Wyse ThinOS
- Wyse ThinOS PCoIP
-

External ports and connectors

Table 5. Ports and connectors

Description	Values
Network	One RJ45, 10/100/1000
USB	<ul style="list-style-type: none">• One USB 3.1 Gen 1 (side panel)• Two USB 3.1 Gen 1 (back panel)• One USB 3.1 Gen 1 with PowerShare (back panel)• One USB 2.0 (back panel)• One USB 2.0 with Smart Power On (back panel)
Audio	<ul style="list-style-type: none">• Line-out jack• Global Headset Audio jack

Description	Values
Video	DisplayPort 1.2a
Power adapter port	One
Security	Kensington lock slot

Wireless module

Table 6. Wireless module specifications

Description	Values
Model number	Intel Dual Band Wireless AC 9560 (802.11ac) 2x2 + Bluetooth 5.0
Transfer rate	1.73 Gbps
Frequency bands supported	2.4/ 5 GHz (160 MHz)
Wireless standards	WiFi 802.11b/g/a/n/ac
Encryption	64/128-bit encryption
Bluetooth	Bluetooth 5.0

Audio

Table 7. Audio

Description	Values
High Definition Stereo support	Yes
Controller	Realtek ALC3253/ALC1302
External interface	Global headset and line out jack
Number of channels	2
Audio Jack Impedance	
Microphone	Digital dual microphone
Internal Speaker Power Rating	3 W

Web camera

Table 9. Web camera

Description	Values
Number of cameras	One
Maximum Resolution	1 MP
Camera type	HD without IR support
Video Resolution	1280 x 720 P @ 30 fps (maximum), 720 P @ 30 fps

Power

Table 10. Power

Description	Values
Power Supply Wattage	90 W
AC input Voltage Range	100 Vac–240 Vac
AC input current (low AC range/high AC range)	1.70 A / 2.50 A
AC input Frequency	50 Hz–60 Hz
Output current	4.62 A
Rated output voltage	19.50 VDC
Temperature range: Operating	0 °C–40 °C (32 °F–104 °F)
Temperature range: Storage	–40 °C–70 °C (–40 °F–158 °F)

Display

Table 11. Display specifications

Description	Values
Type	Full HD (FHD) Non-Touch
Screen size (diagonal)	23.8 in.
Screen technology	IPS
Native resolution	1920 x 1080
High definition	Full HD
Luminance	250 cd/m2
Height	385.33 mm
Width	576.62 mm

Description	Values
Megapixels	2M
Pixels per inch (PPI)	82
Color depth	16.7 M
Contrast ratio (min)	700:1
Contrast ratio (typical)	1000:1
Response time (max)	25 mil sec
Typical Response time	14 mil sec
Refresh rate	60 Hz
View angle	178° 89°

Intel UHD 600 graphics

Table 12. Intel UHD 600 graphics

Intel UHD 600 graphics	
Bus Type	Integrated with Intel CPU
Shaders/TMUs/ROPs	96/12/3
Frame Buffer Memory Size	Shares system memory for graphics data. Up to 1.7 GB with 4-GB system memory.
Multiple display supports - Using DP 1.2a	One DisplayPort, 1.2a
Internal Panel display resolution	1920 x 1080 @ 60 Hz
Operating system graphics/API support	<ul style="list-style-type: none"> • DX 12 • OpenCL 2.1 • OpenGL 4.6 • Shader 6.4
External Display resolution	4096 x 2160 @ 60 Hz
Video outputs	No direct output ports. UHD 600 can optionally drive all ports on the system from the Intel chipset.
GPU clock frequency	200 Mhz with boost to 750 Mhz
Performance	<ul style="list-style-type: none"> • Compute - 288 GFlops • 3DMark11 Performance - 710 • Pixel rate - 1.5 GPixels/sec

System level environment and operating conditions

Airborne contaminant level: G1 as defined by ISA-S71.04-1985

Table 13. Computer environment

	Operating	Storage
Temperature range	0 °C to 35 °C (32 °F to 95 °F)	-40 °C to 65 °C (-40 °F to 149 °F)
Relative humidity (maximum)	10% to 90% (non-condensing)	0% to 95% (non-condensing)
Vibration (maximum)	0.66 GRMS	1.30 GRMS
Shock (maximum)	110 G †	160 G‡
Altitude (maximum)	-15.2 m to 3048 m (-50 ft to 10,000 ft)	-15.2 m to 10,668 m (-50 ft to 35,000 ft)

* Measured using a random vibration spectrum that simulates user environment.

† Measured using a 2-ms half-sine pulse when the hard drive is in use.

‡ Measured using a 2-ms half-sine pulse when the hard drive head is in parked position.