



Specs

Product specifications for all Neat devices,

neat.bar

Generation 2

The power of simple.



Exceptional meeting experiences in a versatile, streamlined design.

General

Camera LED
System LED
Orientation sensor (accelerometer)
Ambient light sensor
Tripod mount compatible (1/4-20 UNC threads)
Dual screen support
Security lock slot (Kensington compatible)
Secure boot
BYOD mode (USB passthrough)
Native support for Zoom Rooms
Native support for Microsoft Teams Rooms on Android
Sensors for temperature, humidity and air quality in Neat Pad (*)
Table stand, wall mount and snap-on mount

Video

4x digital zoom
Fixed lens, infinite focus
Wide camera: 50 MP, $f/2.8$ aperture, 113° horizontal field of view
Distortion correction
Noise reduction
Chromatic aberration correction
Automatic white balance and color correction
Automatic people framing
Hardware accelerated video encode and decode
People video resolution: Up to 1080p / 30
Content video resolution: 720p / 60, 1080p / 30

Audio

Speakerbox for maximal tonal range with minimal distortion
Opposing full range drivers for vibration cancellation
Ultrasonic support for wireless content sharing
5 microphones angled in an end-fire array
4 tracking and sensor mics
Hardware accelerated audio processing
Echo cancellation
Noise suppression
Automatic gain control
Dereverberation

Electrical and environmental requirements

Ambient operating temperature: 32° to 95° F (0° to 35° C)
Storage temperature: -4° to 140° F (-20° to 60° C)
Relative humidity: 10% to 90%
Built-in power supply 100-240V ~ 50/60Hz 0.5A
Network standby: <8W (after 20 minutes)

Size and weight

Width: 25.59 inches (650 mm)
Height: 2.76 inches (70 mm)
Depth: 2.76 inches (70 mm)
Weight: 3.75 pounds (1.7 kg)

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Packs a punch.



All the essentials for high-quality video meetings.

General

Camera LED
System LED
Accelerometer
Ambient light sensor
Table stand, wall mount and screen mount
Dual screen support
Security lock slot (Kensington compatible)
Secure boot
BYOD mode (USB passthrough)
Native support for Zoom Rooms
Native support for Microsoft Teams Rooms on Android
Sensors for temperature, humidity, CO2 and VOC (*)

Video

4x digital zoom (optional 8x digital zoom)
4056×3040 (12 MP) capture resolution
120 degrees horizontal field of view
Automatic people framing
Hardware accelerated video encode and decode
Distortion correction
Noise reduction
Chromatic aberration correction
Automatic white balance and color correction

Audio

Speakerbox for maximal tonal range with minimal distortion
Opposing drivers for vibration cancellation
Dedicated wide-angle ultrasonic tweeter
3 sensor mics
5 microphones angled in an end-fire array
Hardware accelerated audio processing
Beamforming
Echo cancellation
Noise suppression
Automatic gain control
Dereverberation

Electrical and environmental requirements

100-240V ~ 50/60Hz 0.5A
Ambient operating temperature: 32° to 95° F (0° to 35° C)
Storage temperature: -4° to 140° F (-20° to 60° C)
Relative humidity: 10% to 90%
Built-in power supply

Size and weight

Width: 21.9 inches (556 mm)
Height: 3 inches (76 mm)
Depth: 3 inches (76 mm)
Weight: 3.75 pounds (1.7 kg)

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* Feature not supported by Microsoft Teams

neat.bar pro

Go up a notch.



Outstanding audio and video with the most advanced technology.

General

Wakeup sensor (radar)
Depth sensor (time-of-flight VGA 60° FOV)
Orientation sensor (accelerometer)
Ambient light sensor
Camera LED
System LED
Tripod mount compatible (1/4-20 UNC threads)
Table stand, wall mount and screen mount
Security lock slot (Kensington compatible)
Secure boot
BYOD mode (USB passthrough)
Triple screen support (*)
Sensors for temperature, humidity and air quality (*)

Video

Pro 100 MP camera system with wide and tele cameras
Wide camera: 50 MP, $f/2.8$ aperture, 113° horizontal field of view
Tele camera: 50 MP, $f/1.8$ aperture, 70° horizontal field of view
Hybrid zoom up to 16x
Automatic people framing
Hardware accelerated video encode and decode
Distortion correction
Noise reduction
Chromatic aberration correction
Automatic white balance and color correction
People video resolution: Up to 1080p / 30
Content video resolution: 720p / 60, 1080p / 30

Audio

Speakerbox for maximal tonal range with minimal distortion
3 full-range speakers ready for directional and stereo sound
Woofers with two opposing drivers for vibration cancellation
4 tracking mics
16 microphones in a beamforming array
Hardware accelerated audio processing
Ultrasonic support for wireless content sharing
Echo cancellation
Noise suppression
Automatic gain control
Dereverberation

Electrical and environmental requirements

100-240V ~ 50/60Hz 1.2A
Ambient operating temperature: 32° to 95° F (0° to 35° C)
Storage temperature: -4° to 140° F (-20° to 60° C)
Relative humidity: 10% to 90%
Built-in power supply

Size and weight

Width: 35.04 inches (890 mm)
Height: 3.15 inches (80 mm)
Depth: 3.15 inches (80 mm)
Weight: 6.83 pounds (3.1 kg)

neat.board

Creativity across the Board.

All-in-one video collaboration device.



General

65-inch capacitive multi-touch LED screen
Ultra HD 4K (3840 × 2160 screen resolution)
16:9 aspect ratio
Anti-glare and anti-fingerprint coating
Camera LED
System LED
Ambient light sensor
2 × Neat Marker (passive)
Table stand
Floor stand (optional)
Wall mount (optional)
Neat Pad controller (optional)
Neat Pad scheduling display (optional)
BYOD mode (USB passthrough)
Native support for Zoom Rooms
Native support for Microsoft Teams Rooms on Android
Sensors for temperature, humidity, CO2 and VOC (*)

Video

4x digital zoom (optional 8x digital zoom)
Fixed lens, infinite focus
F-value: 2.8
4056*3040 (12 MP) capture resolution
120 degrees horizontal field of view
Automatic people framing
Hardware accelerated video encode and decode
Distortion correction
Noise reduction
Chromatic aberration correction
Automatic white balance and color correction

Audio

Speaker box for maximum tonal range with minimal distortion
Opposing drivers for vibration cancellation
Dedicated wide-angle ultrasonic tweeter
3 sensor mics
5 beamforming microphones angled in an end-fire array
Hardware-accelerated audio processing (NAP)
Echo cancellation
Noise suppression
Automatic gain control
Dereverberation

Electrical and environmental requirements

100-240V ~ 50/60Hz 2.5A
Ambient operating temperature: 32° to 95° F (0° - 35° C)
Storage temperature: -4° to 140° F (-20° to 60° C)
Relative humidity: 10% to 90%
Built-in power supply

Size and weight

Width: 35.04 inches (890 mm)
Height: 3.15 inches (80 mm)
Depth: 3.15 inches (80 mm)
Weight: 6.83 pounds (3.1 kg)

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* Feature not supported by Microsoft Teams

neat.board 50

Flow with the moment.

Uniquely adaptable, flexible video collaboration device.

General

50-inch capacitive multi-touch LCD screen
Ultra HD 4K (3840 × 2160 screen resolution)
16:9 aspect ratio
Anti-glare and anti-fingerprint coating
Glass surface hardness 7H
USB-C 90W Power delivery
Support for 2nd display
Camera LED
System LED
Ambient light sensor
Sensors for temperature, humidity and air quality (*)
Neat Active Marker
Table stand
Adaptive stand (optional)
Adaptive mount (optional)
Wall mount (optional)
Neat Pad controller (optional)
Neat Pad scheduling display (optional)

Video

4x digital zoom (optional 8x digital zoom)
Fixed lens, infinite focus
F-value: 2.8
50 MP capture resolution
113 degrees horizontal field of view
Automatic people framing
Hardware accelerated video encode and decode
Distortion correction
Noise reduction
Chromatic aberration correction
Automatic white balance and color correction



Audio

82dB with minimal distortion
Opposing drivers for vibration cancellation
5 sensor mics
5 microphones angled in an end-fire array
Hardware-accelerated audio processing (NAP)
Beamforming
Echo cancellation
Noise suppression
Automatic gain control
Dereverberation

Electrical and environmental requirements

100-240V ~ 50/60Hz 2.5A
Ambient operating temperature: 32° to 95° F (0° - 35° C)
Storage temperature: -4° to 140° F (-20° to 60° C)
Relative humidity: 10% to 90%
Built-in power supply

Size and weight

Table stand
Width: 44.8 inches (1138 mm)
Height: 29.3 inches (745 mm)
Depth: 10.3 inches (261 mm)

Weight: 52 pounds (23.5 kg)
Net weight of table stand: 2 pounds (0.9 kg)

neat.frame

A beautiful way to meet.

Personal, portrait-oriented video meeting device.

General

15,6-inch capacitive multi-touch LED screen
450 NITS Screen
Resolution 1080×1920, 60Hz
9:16 aspect ratio
Anti-glare and anti-fingerprint coating
Camera LED
System LED
Ambient light sensor
Depth sensor (time-of-flight VGA 60° FOV)
Temperature sensor (*)
Humidity sensor (*)
Air Quality sensor (*)
Tripod mount (1/4-20 UNC threads)
Privacy shutter

Video

4x digital zoom
50MP capture resolution
113° horizontal field of view
Automatic people framing
Hardware accelerated video encode and decode
Distortion correction
Noise reduction
Chromatic aberration correction
Automatic white balance and color correction
People video resolution: Up to 1080p / 30
Content video resolution: 720p / 60, 1080p / 30



Audio

Two-way loudspeaker system with minimal distortion
1 tracking mic
3 beamforming microphones angled in an end-fire array
Support for wired and wireless headphones
Hardware accelerated audio processing
Echo cancellation
Noise suppression
Automatic gain control
Dereverberation

Electrical and environmental requirements

100-240V ~ 50/60Hz 2.5A
Ambient operating temperature: 32° to 95° F (0° - 35° C)
Storage temperature: -4° to 140° F (-20° to 60° C)
Relative humidity: 10% to 90%
Network standby: 8W
Built-in power supply

Size and weight

Width: 8,8 inches (222,5 mm)
Height: 17,5 inches (445 mm)
Depth: 4,4 inches (111,2 mm)
Weight: 7,6 pounds (3,45 kg)

neat.pad

Touch base. Book a space.

Slimline device for meeting control
or room availability.

General

8-inch (diagonal) touch screen
1280 × 800 screen resolution
16:10 aspect ratio
Anti glare, anti smudge coating
Ambient light sensor
Sensors for temperature, humidity, CO2 and VOC (*)
Side LED Indicators
Accelerometer
Wall mount and side mount
Security lock slot (Kensington compatible)
Native support for Zoom Rooms
Native support for Microsoft Teams Rooms on
Android
Speakers for ultrasound (*)
2 microphones (**)

Electrical and environmental requirements

Ambient operating temperature: 32° to 95° F (0°
- 35° C)
Storage temperature: -4° to 140° F (-20° to 60°
C)
Relative humidity: 10% to 90%
Power over Ethernet (PoE): 802.3af PoE (Class
0/mode A)
56V = 0.275A

Size and weight

Width: 7.8 inches (198 mm)
Height: 1.7 inches (42 mm)
Depth: 5 inches (127 mm)
Weight: 1.15 pounds (520 g)



neat.center

Don't miss a thing.

Companion device for enhancing
everyone's sound and vision.

General

3 cameras with 360-degree view
16 microphones
LED ring status indicator
Security lock slot (Kensington compatible)
Orientation sensor (accelerometer)
Flexible mounting
Tripod mount compatible (1/4-20 UNC threads)

Video

Camera: 3 x 8 MP, $f/2.4$ aperture, 162°
horizontal field of view
Adaptive digital zoom (up to 4x)
Depth of field: 0.8 feet (25 cm) to infinity
9.8 feet (3 meters) pickup range for optimal
image quality
Automatic people framing
Hardware-accelerated video encoding
Distortion correction
Noise reduction
Automatic white balance and color correction
People video resolution: Up to 1080p / 30

Audio

16 microphones in a beamforming array
Pickup range: 9.8 feet (3 meters) radius ***
Hardware-accelerated audio processing
Echo cancellation
Noise suppression
Automatic gain control
Dereverberation

Electrical and environmental requirements

100-240V ~ 50/60Hz 2.5A
Ambient operating temperature: 32° to 95° F (0°
- 35° C)
Storage temperature: -4° to 140° F (-20° to 60°
C)
Relative humidity: 10% to 90%
Network standby: 8W
Built-in power supply

Size and weight

Height: 11.7 inches (297 mm)
Width: 3.3 inches (84 mm)
Depth: 3.3 inches (84 mm)
Weight: 3.24 pounds (1.47 kg)

