



## Product specifications for all Neat devices

This resource provides detailed information on each product in our comprehensive portfolio, including general features, camera capabilities, and audio specifications, helping you find the best solution for many different types of workspaces.

# 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

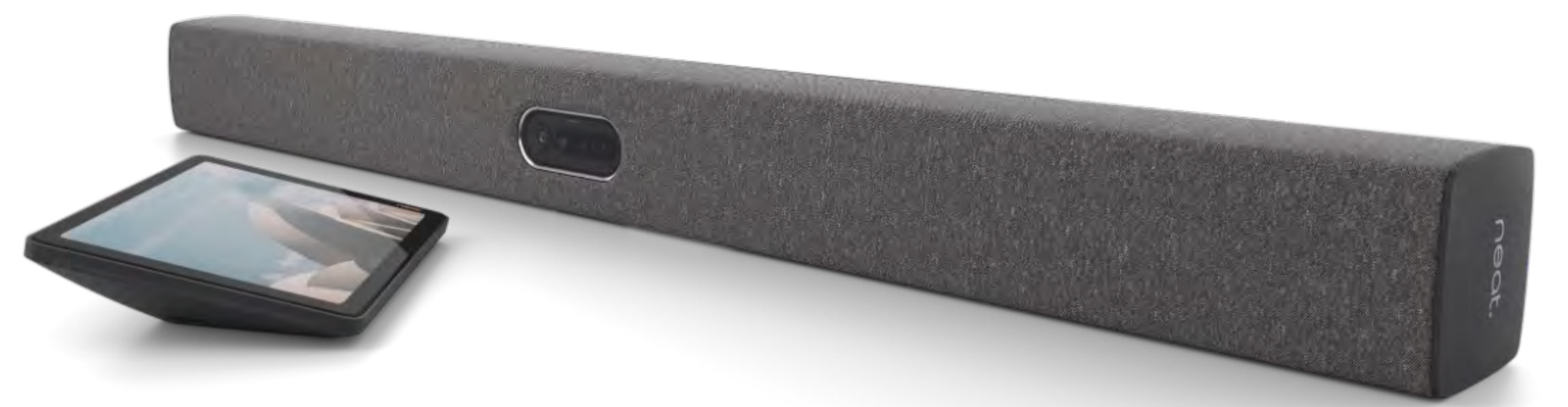
- Ambient operating temperature: 32° to 95° F (0° to 35° C)
- Storage temperature: -4° to 140° F (-20° to 60° C)
- Relative humidity: 10% to 90%
- Built-in power supply 100-240V ~ 50/60Hz 0.5A
- Network standby: <8W (after 20 minutes)

### 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)

# neat.bar pro

## Go up a notch.



Outstanding audio and video with the most advanced technology.

### General

- Automatic wakeup and sleep (ultrasonic)
- 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)

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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)

# neat.board pro



## Welcome to the big leagues.

Our most powerful board for medium to large spaces.

### General

- 65-inch capacitive multi-touch LCD screen
- Ultra HD 4K (3840 x 2160 screen resolution)
- 16:9 aspect ratio
- Anti-glare 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)

### 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
- Fixed lens, infinite focus
- 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
- 3 full-range speakers for directional and stereo sound
- Woofers with two opposing drivers for vibration cancellation
- 5 sensor mics
- 5 microphones angled in an end-fire array
- Hardware accelerated audio processing
- Ultrasonic support for wireless content sharing
- Echo cancellation
- Noise suppression
- Automatic gain control
- Dereverberation
- Table stand, wall mount and snap-on mount

### Electrical and environmental requirements

- 100-240V ~ 50/60Hz 4.5A
- 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

#### Neat Board Pro with table stand

- Width: 57.9 inches (1470 mm)
- Height: 37.2 inches (945 mm)
- Depth: 12.7 inches (322 mm)

- Weight: 96.6 pounds (43.8 kg)
- Net weight of table stand: 2.8 pounds (1.24 kg)

# 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.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 (table stand)

- Width: 58.1 inches (1476 mm)
- Height: 39.5 inches (1003 mm)
- Depth: 13.8 inches (350 mm)
- Weight: 102.6 pounds (46.5 kg)

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\* Feature not supported by Microsoft Teams

# 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 × 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
- 16.4 feet (5 meters) range for automatic framing
- 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)



# 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)

