



Cisco Webex Board 55S

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The Cisco Webex™ Board is an all-in-one device that provides everything you need to collaborate with your teams in physical meeting rooms. You can wirelessly present, white board, and have video and audio calls. And it securely connects to your virtual teams through the Cisco Webex service, via your Cisco Webex Teams app-enabled devices, so you can take your meetings and content on the road. The Webex Board 55S* is designed for huddle and small spaces up to five people. The Webex Board is also available in 70- and 85-inch screen options.



Figure 1.
White boarding capability on the Cisco Webex Board 55

Cisco Webex Board Product Overview

The Cisco Webex Board revolutionizes the way we work by combining key requirements for team collaboration in the physical meeting room into a single device and connects it to the cloud for continuous workflow. It's a wireless presentation screen, a digital whiteboard, and an audio and video conferencing system, all in one. The Webex Board helps teams collaborate in physical meeting rooms, but also securely connects to virtual meeting spaces to facilitate continuous workflow before, during, and after everyone has left the physical conference room. The Cisco Webex Board draws its power from the Cisco Webex service, which combines meeting, messaging, calling, and new white boarding capabilities on any Webex Teams app-enabled device. Registration to the Cisco Webex in the cloud lets you store everything created on the Webex Board directly in the cloud and associate it to a virtual Webex Teams space, so you can take your work wherever you go. The Webex Board solution offers an integrated, secure, and comprehensive lifecycle approach to teamwork that is as yet unimagined, and thus unmatched, by any other solution on the market.

The Cisco Webex Board 55S is a fully self-contained system on a high-resolution 4K 55-inch LED screen. With an integrated 4K camera, embedded microphones, and a capacitive touch interface, the board brings intelligence, style, and usability to meeting rooms, from small to large. Designed with minimal wires for simplicity and elegance, Cisco's latest collaboration device allows wireless sharing and Wi-Fi connectivity. The system is also touch-based for easy and rich team collaboration. Not only is the Webex Board beautiful to behold and effortless to use, it is also affordable to acquire and easy to install and deploy, so that it can be a fixture in all of your conference rooms.

The Webex Board is the latest addition to the portfolio of Cisco video and audio conferencing devices that register to Cisco Webex, including the [Cisco Webex Room Series](#) and [DX80](#), the Cisco [MX](#) and [SX](#) Series, and the Cisco IP Phone [7800](#) and [8800](#) Series.



Figure 2.
Video conferencing on the Cisco Webex Board

Cisco Webex Board Features and Benefits

Feature	Benefit
Wireless presentation	• No wires required to share a presentation, locally or remotely, from a laptop (HDMI available)
Digital whiteboard	• Easily white board with the Cisco Webex Pen or your finger on the Cisco Webex Board and automatically save content to a Cisco Webex Teams space • Connects to white-boarding capability on any Webex Teams app • Annotate on screen share
Audio/video conferencing	• High-quality video conferencing (Cisco Webex and Session Initiation Protocol [SIP]) • High-fidelity audio conferencing
Industrial design	• Discreet built-in 4K camera is unobtrusive, to help users feel comfortable when close to the screen • Built-in microphones and wireless sharing add to the clean, no-wire aesthetics • Fixed-lens camera uses an 83-degree-wide field of view to capture virtually the entire room • High-resolution 4K screen shows detailed content beautifully

Feature	Benefit
Usability	• Easy-to-understand activity circles correspond to the basic activities and workflows that users need to get their work done • Intuitive navigation, such as a home button and touchscreen, is a staple of mobile devices and familiar to users • Consistent user interface and workflow across the Webex Board and Webex Teams app reduce the user's learning curve • Familiar capacitive touch capability is the same as on smartphones and tablets, and allows for two-point multi-touch, which lets two people work on the board at the same time • Simplified meeting-join experience with One Button To Push (OBTP) enables fast meeting start and consistency with rest of Cisco video devices • Support for hybrid phone book lets Webex Board search for both cloud- or premises-registered video devices for easy dialing, and allows premises-registered endpoints to search for Webex Boards
Continuous workflow	• Cloud registration lets everything created on the Webex Board be stored directly and securely in the cloud and associated to a virtual Webex Teams space • Team members can pick up wherever they left off on the Webex Board when they leave the physical room; work can continue from a different location, time zone, or device, such as another Webex Board or any other Webex Teams app on smartphones, tablets, and laptops • Webex Board and the Cisco Webex service together provide end-to-end encryption, so your communications and content are secure
Intelligent views	• Powerful 4K camera captures high-resolution image of virtually the entire room • Intelligent software algorithms enable automatic framing for best overview, which provides ideal framing to the far end
Intelligent audio	• Built-in 12-microphone array amplifies sound quality – as if a microphone has been extended to each speaker • Automatically modulates the active speaker so that clear audio is delivered to the far end, whether the speaker is close to or far away from the Webex Board • No microphone wires to detract from the aesthetics of the Webex Board • Powerful microphones cover a room with 8 to 10 people
Intelligent Proximity	Cisco Webex Proximity and ultrasound pairing technology enable the following: • Webex Board automatically wakes up when it detects a Webex Teams user enter the room and suggests an activity to choose from • Wireless sharing of documents from a laptop is enabled both within and outside of a conference call; connect seamlessly to personal and mobile devices using ultrasound (no need for dongles, adapters, typing in PINs, etc.) • Basic endpoint control of the Webex Board can be done through the Webex Teams app device (make and disconnect calls, etc.)

Cisco Webex Board Prominent Features/Differentiators

The power of Cisco Webex enables continuous teamwork

The Cisco Webex Board is revolutionary in its capability, usability, and design, but the ability to connect teams beyond the physical meeting room is thanks to the power of Cisco Webex. The consistency, simplicity, and reliability of experience across the Webex Board and the Webex Teams app is made possible by these key features of Cisco Webex:

- **Cloud based:** The Webex Board is registered and delivered simply and securely with end-to-end encryption to the cloud and offered on a subscription basis, so you can add or update services automatically or on demand.
- **App based:** Once they are shared or created on the Webex Board and associated with a Webex Teams virtual space, content and messages live persistently and can be accessed from any mobile device – laptop, smartphone, tablet – on the Webex Teams app from wherever you are. This means work and knowledge can be transferred seamlessly from one team member to the next, from one time zone to another.
- **Activity based:** The capabilities you enjoy on the Webex Board – meeting, calling, messaging, and white boarding – are the same capabilities you will experience on the Webex Teams app. So, you can start your work on the Webex Board and continue on your personal and mobile devices, or vice versa.

Cisco Webex Board Platform Support

Product Family	Platforms Supported
Cisco Webex Board	Requires activation and connection to Cisco Webex in the cloud

Cisco Webex Board Subscription

License Level	Term
Cisco Webex Device Subscription	Monthly or 1-, 2-, 3-, 4-, or 5-year options

Cisco Webex Board 55S Product Specifications

Type	Specifications
Software	Cisco Webex Room OS, provisioned by the Cisco Webex in the cloud
Components	Fully integrated unit is delivered with: • Multi-touch 55-inch LED display • 4K camera • 12-microphone array • Speakers • White boarding pen
Display	• Edge LED LCD – 55-inch 4K, 350 nits, 16:9 • Viewing angle: +- 89 degrees (all directions) • Number of colors: 1.07 billion (10 bit) • Contrast: 1:4000 • Response time: 5.5 ms
User interface	• Capacitive touch • Protective glass with optical bonding • Multi-touch
Inputs and outputs	• HDMI input • Home button • 3.5-mm mini jack audio out (line out) • USB-C (future use) • USB micro (service)
Camera overview	• Fixed lens, infinite focus • F-value: 2.8 • 4Kp60 • Horizontal Field Of View (HFOV): 83 degrees • Vertical Field Of View (VFOV): 55 degrees • Camera mounted tilted: -25 degrees

Type	Specifications
Audio system	• 12-element microphone array (with intelligent voice tracking) • Integrated voice-optimized speakers
Network	• Ethernet (RJ-45) 100/1000 Mbps • Wi-Fi 802.11a/b/g/n; 802.11ac (2.4 and 5 GHz) • Bluetooth ready • IPv4 Dynamic Host Configuration Protocol (DHCP)/static • IPv6 (both static and stateless address auto-configuration) • Network Time Protocol (NTP) • HTTP Proxy support (for signaling, not media) • Inspecting TLS Proxy supported • Cisco Discovery Protocol (CDP) • 802.1X network authentication (Passphrase or X.509 client certificate) • 802.1Q virtual LAN • 802.1p (Qos and Class of Service [CoS])
User controls	• Control Cisco Webex Board directly from the touchscreen or using the Cisco Webex Teams app
Language support	• English, Spanish, German, French, French Canadian, Portuguese, Japanese, Czech, Danish, Dutch, Norwegian, Swedish, Latin American Spanish, Italian, Finnish, Polish, Turkish • Additional languages to be supported in future software release
Physical dimensions (H x W x D)	• 32.1 x 50.5 x 1.9 in (814 x 1283 x 50 mm)
Weight	• 87.7 lb (39.8 kg)
Physical dimensions and weight of packaging (H x W x D)	Main unit • Package size: 36.2 x 55.7 x 7.5 in (919 x 1416 x 191 mm) • Weight: 88 lb (39.8 kg) • Shipping weight (including packaging): 101 lb (45.8 kg) Floor Stand (New Design) • Package size: 40.7 x 56.1 x 6.8 in (1034 x 1426 x 172 mm) • Weight: 34.8 lb (15.8 kg) • Shipping weight (including packaging): 48.3 lb (21.9 kg) Wall Stand (New Design) • Package size: 36.8 x 51.6 x 4.7 in (934 x 1311 x 119 mm) • Weight: 30.9 lb (14 kg) • Shipping weight: 30.8 lb (14 kg) Wall Mount Kit • Consolidated package size: 10 x 54.5 x 2 in (253 x 1386 x 51 mm) • Weight: 11 lb (5 kg) • Shipping weight: 13.2 lb (6 kg) Cisco Webex Board and the selected mounting option will be shipped in a consolidation pack on a pallet. The dimensions above describe each of the individual boxes within the consolidation packaging.

Type	Specifications
Power	- Autosensing power supply 100 to 240 VAC, 50 to 60 Hz - Power consumption (Max 4.6A) - Standby: 33 Watts - Idle or in-use: 170 Watts
System management	Cisco Webex Board is managed in the administrator portal in Cisco Webex, giving system status and overview, activation, configuration, metrics, and troubleshooting.
Operating temperature and humidity	0° to 35°C (32° to 95°F) at relative humidity 10% to 90% (noncondensing)
Approvals and compliance	Regulatory compliance - Directive 2014/30/EU (EMC Directive) - Directive 2014/53/EU (Radio Equipment Directive) - Directive 2011/65/EU (RoHS) - Directive 2002/96/EU (WEEE) - NRTL approved (Product Safety) - FCC Listed (Radio Equipment) Standards - Radio: EN 300 328, EN 301 893, EN 300 440 - EMC: EN 301 489-1 & -17, EN 55032 - Class A, EN 55024 - Safety: EN 60950-1, EN 62479, EN 62311 (for the radio versions) - FCC CFR 47 Part 15B (EMC) - Class A - FCC CFR 47 Part 15C (RF) - FCC CFR 47 Part 15E (R) Please check product approval status database https://www.ciscofax.com/ for approval documents per country.
System requirements	- Cisco Webex Board is connected to the Cisco Webex in the cloud service using RESTful APIs. Communication with other Webex Boards, Webex Teams apps, or other third-party solutions is provided through the Cisco Webex in the cloud. - Communication with Cisco Webex in the cloud uses the H.264 codec for video and the OPUS codec for audio. - Real-time media (voice, video, and screen sharing) is encrypted using the Secure Real-Time Transport Protocol (SRTP); end-to-end encryption uses Advanced Encryption Standard (AES) 128, AES 256, SHA1, SHA256, and RSA.
Bandwidth requirements	Minimum bandwidth: 720p30 from 768 Kbps 1080p30 from 1.72 Mbps Maximum bandwidth: - Transmit: 4.3 Mbps - Receive: 10 Mbps
Video inputs	1 HDMI for local presentation or sharing in meetings Supports formats up to maximum 4K (3840 x 2160) Frame rate of 60 fps for up to 1080p and 30 fps for 2160p Extended Display Identification Data (EDID)

Type	Specifications
Presentation capabilities	- Local presentation up to 4K - Audio over HDMI
Live video resolutions (encode/decode) – main video and presentation sharing	Main video: - Up to 1920 x 1080@30 (HD1080p) Presentation sharing: - Up to 1920 x 1080@30 (HD1080p)
Audio features	- High-quality 20-kHz audio - Acoustic echo cancellation - Automatic Gain Control (AGC) - Automatic noise reduction - Active lip synchronization - Microphone array with intelligent voice tracking capabilities

Ordering Information

The Cisco Webex Board requires activation and connection with Cisco Webex service. Without an active subscription, it can be used only for local presentations using HDMI.

Cisco Webex Board 55S

Product Name	Product Number	Compliance Model Number
Cisco Webex Board 55S: Subscription pricing (MSRP [*])	CS-BOARD55S-M-K9	TTC60-28
Cisco Webex Board 55S: Upfront pricing (GPL ^{**})	CS-BOARD55S-G-K9	
Cisco Webex Board 55 – Floor Stand (MSRP [*])	CS-BOARD55-M-FS	
Cisco Webex Board 55 – Floor Stand (GPL ^{**})	CS-BOARD55-G-FS	
Cisco Webex Board 55 – Wall Stand (MSRP [*])	CS-BOARD55-M-WS	
Cisco Webex Board 55 – Wall Stand (GPL ^{**})	CS-BOARD55-G-WS	
Cisco Webex Board 55 – Wall Mount Kit (MSRP [*])	CS-BOARD55-M-WMK	
Cisco Webex Board 55 – Wall Mount Kit (GPL ^{**})	CS-BOARD55-G-WMK	

^{*}MSRP = Manufacturer's Suggested Retail Price

^{**}GPL = Global Price List

Cisco Webex Board 55S Spares

Product Name	Product Number	Compliance Model Number
Cisco Webex Board 55S – spare	CS-BOARD55S=	TTC60-28
Cisco Webex Board 55 – Floor Stand – spare	CS-BOARD55-FS=	
Cisco Webex Board 55 – Wall Stand – spare	CS-BOARD55-WS=	

Product Name	Product Number	Compliance Model Number
Cisco Webex Board 55 – Wall Mount Kit – spare	CS-BOARD55-WMK=	
Cisco Webex Board Pen Kit (2 pens and 6 extra tips)	CS-BRD-PENKIT=	
Cisco HDMI Presentation cable 8m - 4K capable (w/repeater)	CAB-PRES-2HDMI-GR=	
Cisco Webex Board, Cable Management Kit (sleeve only) - spare	SPBOARD-CBLMGMT=	

Cisco Webex Board subscription

Product Name	Product Number
Cisco Webex Board Subscription: MSRP	A-SPK-SH-ND-BRD
Cisco Webex Board Subscription: GPL (licensing may be covered by Flex Plan)	A-SPK-SH-ND-SR

Warranty Information

The Cisco Webex Board 55S has a 90-day limited liability warranty.

Cisco Service and Support

Cisco and our partners provide a broad portfolio of smart, personalized services and support that can help you realize the full business value of your Cisco collaboration investment by increasing business agility and network availability. This portfolio of services accelerates business innovation by harnessing the network as a powerful business platform. For more information about these services, please visit: <https://www.cisco.com/go/collaborationservices>.

Cisco Capital

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For More Information

- Learn more about the [Cisco Webex Board](#) family.
- Download the [Cisco Webex](#) Teams app today.

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