

Cisco Webex Board 85

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 85^{*}, featuring an 85-inch LED screen, is designed for your largest collaboration spaces such as auditoriums, training spaces, and classrooms, where co-creation is the primary focus. The Webex Board portfolio is also available in 55- and 70-inch options to cover all of your collaboration needs from huddle space to the boardroom.

Figure 1. Cisco Webex Board 85 in a large-team environment



^{*} The latest generation Webex Board family may be referred to as the “S Series,” representing some minor optimizations to the hardware platform. Product name remains the same but PID reflects addition of “S” to differentiate from original version for ordering purposes.

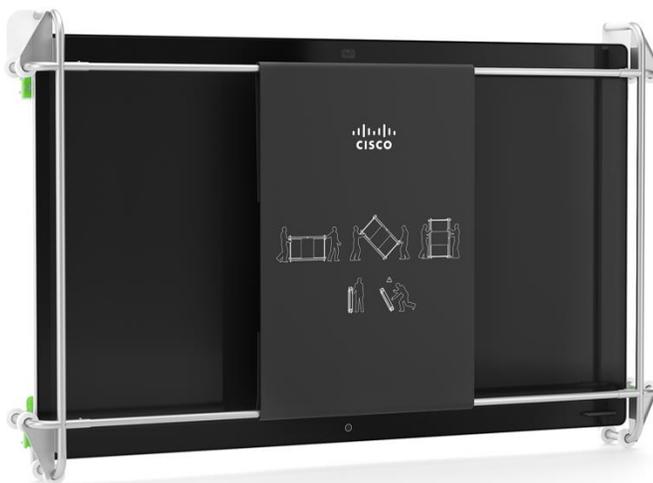
Cisco Webex Board product overview

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 connecting 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 product. 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 Webex Board draws its power from the Cisco Webex service, which combines meeting, messaging, calling, and white-boarding capabilities on any Webex Teams app-enabled device. Registration to the Webex 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 offers an integrated, secure, and comprehensive lifecycle approach to teamwork that is as yet unimagined, and thus superior, to any other solution on the market.

Cisco Webex Board 85 – for your largest collaboration spaces

The Cisco Webex Board 85 is a fully self-contained system on a high-resolution 4K 85-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 your largest conference and training rooms. The Webex Board 85 also has a unique wheel-based packaging and transport frame that makes it easy to move and assemble. With wheels on three corners of the aluminum frame, the 220-pound Webex Board 85 can easily fit into standard elevators and doorways.

Figure 2. Cisco Webex Board 85 in New Wheel-based Packaging and Transport Frame



Cisco Webex Board features and benefits

Table 1. Features and benefits

| Feature | Benefit |
|-------------------------------------|---|
| Wireless presentation | <ul style="list-style-type: none"> No wires required to share a presentation, locally or remotely, from a laptop (HDMI available) |
| Digital whiteboard | <ul style="list-style-type: none"> Easily whiteboard with Cisco Webex Pen or your finger on the Webex Board and automatically save content to a Webex Teams space Connects to white boarding capability on any Webex Teams app-enabled device Annotate on shared screen |
| Audio and video conferencing | <ul style="list-style-type: none"> High-quality video conferencing (Cisco Webex and Session Initiation Protocol [SIP]) High-fidelity audio conferencing |
| Industrial design | <ul style="list-style-type: none"> Discreet built-in 4K camera is unobtrusive and helps 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 |
| Usability | <ul style="list-style-type: none"> 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) dialing enables fast meeting start and consistency with all other 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 | <ul style="list-style-type: none"> Cloud registration allows everything created on the Webex Board to be stored directly and securely in the cloud and associated to a virtual Cisco 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-enabled devices (smartphones, tablets, laptops) Webex Board and Webex service together provide end-to-end encryption, so your communications and content are secure |
| Intelligent views | <ul style="list-style-type: none"> Powerful 4K camera captures a high-resolution image of virtually the entire room Intelligent software algorithms enable automatic framing for exceptional overviews, which provides ideal framing to the far end |
| Intelligent audio | <ul style="list-style-type: none"> 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 |
| Cisco Intelligent Proximity | <p>Cisco Webex Teams Proximity and ultrasound pairing technology enable:</p> <ul style="list-style-type: none"> Webex Board to automatically wake up when it detects a Webex Teams app-enabled user entering the room and suggests an activity to choose from Wireless sharing of documents from a laptop, 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 to be done through a Webex Teams app-enabled mobile device (make and disconnect calls, etc.) |

Cisco Webex Board prominent features and differentiators

The Power of the Cisco Webex Platform Enables Continuous Teamwork

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

- Cloud-based - The Webex Board is registered and delivered simply and securely with end-to-end encryption through Cisco Webex in 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 any other Webex Teams app-enabled personal device. 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

Table 2. Platform support

| Product family | Platforms Supported |
|-------------------|---|
| Cisco Webex Board | Requires activation and connection to the Cisco Webex service |

Cisco Webex Board subscription

Table 3. Subscriptions

| License level | Term |
|--------------------------------|--|
| Cisco Webex Board subscription | Monthly or 1-, 2-, 3-, 4-, or 5-year options |

Cisco Webex Board 85 product specifications

Table 4. Product specifications

| Type | Specifications |
|--|---|
| Software | Cisco Webex Room OS, provisioned and updated automatically by the Cisco Webex service in the cloud |
| Components | Fully integrated unit is delivered with: <ul style="list-style-type: none"> • Multi-touch 85-inch LED display • 4K camera • 12-microphone array • Speakers • White boarding pen |
| Display | <ul style="list-style-type: none"> • Direct LED LCD – 85-inch 4K, 300 nits, 16:9 • Viewing angle: +- 89 degrees (all directions) • Number of colors: 1.07 billion (10-bit) • Contrast: 1:4000 • Response time: 6.5 ms |
| User interface | <ul style="list-style-type: none"> • Capacitive touch • Protective glass with optical bonding • Multi-touch |
| Inputs and outputs | <ul style="list-style-type: none"> • HDMI input • Home button • 3.5-mm mini jack audio out (line out) • USB-C (future use) • USB micro (service) |
| Camera overview | <ul style="list-style-type: none"> • 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 |
| Audio system | <ul style="list-style-type: none"> • 12-element microphone array (with intelligent voice tracking) • Integrated voice-optimized speakers |
| Network | <ul style="list-style-type: none"> • Ethernet (RJ-45) 100/1000 Mbps • Wi-Fi 802.11a/b/g/n; 802.11ac (2.4 and 5 GHz) • IPv4 Dynamic Host Configuration Protocol (DHCP) / static • IPv6 (both static and stateless address auto-configuration) • Network Time Protocol (NTP) • HTTP(S) 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 (Quality of Service [QoS] and Class of Service [CoS]) |
| User controls | <ul style="list-style-type: none"> • Control Cisco Webex Board directly from the touchscreen or using a Cisco Webex Teams app-enabled personal device |
| Language support | <ul style="list-style-type: none"> • English, Spanish, German, French, French Canadian, Portuguese, Japanese, Czech, Danish, Dutch, Norwegian, Swedish, Latin American Spanish, Italian, Finnish, Polish, Turkish • Additional languages will be supported in future software releases |
| Physical dimensions (H x W x D) | <ul style="list-style-type: none"> • 48.1 x 77.4 x 3 in (1221 x 1966 x 76 mm) |
| Weight (Board only) | <ul style="list-style-type: none"> • 220 lbs (100 kg) |

| Type | Specifications |
|--|--|
| Physical dimensions and weight of packaging (H x W x D) | <p>Cisco Webex Board and the selected mounting option will be shipped in a consolidation pack on a pallet.</p> <ul style="list-style-type: none"> • Consolidated package (with pallet) size: 61.4 x 87.5 x 25.2 in (1559 x 2223 x 640 mm) • Shipping weight: <ul style="list-style-type: none"> ◦ With floor stand: 514 lbs (233 kg) ◦ With wall stand: 470 lbs (213 kg) ◦ With wall mount: 439 lbs (199 kg) <p>Spare options:</p> <p>Main unit (spare)</p> <ul style="list-style-type: none"> • Package size (with pallet): 61.4 x 87.5 x 25.2 in (1559 x 2223 x 640 mm) • Unit with transport frame weight: 254 lbs (115 kg) • Shipping weight: 414 lbs (188 kg) <p>Wall-mount kit (spare)</p> <ul style="list-style-type: none"> • Package size: 8.6 x 76.4 x 3.5 in (218 x 1940 x 89 mm) • Product weight: 20 lbs (9 kg) • Shipping weight: 22 lbs (10 kg) <p>Floor stand (spare)</p> <ul style="list-style-type: none"> • Package size: 47.2 x 64.4 x 6.2 in (1200 x 1636 x 157 mm) • Product weight: 77.1 lbs (35 kg) • Shipping weight: 90 lbs (41 kg) <p>Wall stand (spare)</p> <ul style="list-style-type: none"> • Package size: 13.2 x 75.9 x 6.6 in (336 x 1928 x 168 mm) • Product weight: 33 lbs (15 kg) • Shipping weight: 51 lb (23 kg) |
| Power | <ul style="list-style-type: none"> • Autosensing power supply • 100-240V AC, 50 to 60 Hz • Power consumption (maximum 4.6A) <ul style="list-style-type: none"> ◦ Standby: 41 Watts ◦ Idle or in use: 352 Watts |
| System management | <p>Cisco Webex Board is managed in the administrator portal in Cisco Webex, giving system status and overview, activation, configuration, metrics, and troubleshooting.</p> |
| Operating temperature and humidity | <ul style="list-style-type: none"> • 0° to 35°C (32° to 95°F) at relative humidity 10% to 90% (noncondensing) |
| Approvals and compliance | <p>Regulatory compliance</p> <ul style="list-style-type: none"> • 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) <p>Standards</p> <ul style="list-style-type: none"> • Radio: EN 300 328, EN 301 893, EN 300 440 • EMC: EN 301 489-1 and -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) <p>Check the Product Approval Status Database for approval documents per country.</p> |
| System requirements | <ul style="list-style-type: none"> • Cisco Webex Board is connected to the Cisco Webex in the cloud using RESTful APIs. Communication with other Webex Boards, Webex Teams apps, or other third-party solutions is provided through 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 |

| Type | Specifications |
|---|---|
| Video inputs | 1 HDMI for local presentation or sharing in meetings Supports formats up to a maximum 4K (3840 x 2160) Frame rate of 60 fps for up to 1080p and 30 fps for 2160p Extended Display Identification Data (EDID) |
| Presentation capabilities | <ul style="list-style-type: none"> Local presentation up to 4K Audio over HDMI |
| Live video resolutions (encode/decode) | Main video: <ul style="list-style-type: none"> Up to 1920 x 1080@30 (HD1080p) Presentation sharing: <ul style="list-style-type: none"> Up to 1920 x 1080@30 (HD1080p) |
| Audio features | <ul style="list-style-type: none"> 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 the Cisco Webex service. Without an active subscription, it can be used only for local presentations using HDMI.

Table 5. Cisco Webex Board 85 product names and SKUs

| Product name | Product number | Compliance model number |
|---|------------------|-------------------------|
| Cisco Webex Board 85: MSRP* | CS-BOARD85S-M-K9 | TTC60-30 |
| Cisco Webex Board 85: GPL** | CS-BOARD85S-G-K9 | |
| Cisco Webex Board 85 – wall mount kit (MSRP) | CS-BOARD85-M-WMK | |
| Cisco Webex Board 85 – wall mount kit (GPL) | CS-BOARD85-G-WMK | |
| Cisco Webex Board 85 – Floor stand (MSRP) | CS-BOARD85-M-FS | |
| Cisco Webex Board 85 – floor stand (GPL) | CS-BOARD85-G-FS | |
| Cisco Webex Board 85 – Wall stand (MSRP) | CS-BOARD85-M-WMK | |
| Cisco Webex Board 85 – Wall stand (GPL) | CS-BOARD85-G-WMK | |

*MSRP = Manufacturer's Suggested Retail Price
**GPL = Cisco Global Price List

Table 6. Cisco Webex Board 85 spares

| Product name | Product number | Compliance model number |
|--|--------------------|-------------------------|
| Cisco Webex Board 85 – spare unit | CS-BOARD85S= | TTC60-30 |
| Cisco Webex Board 85 – wall mount kit – spare | CS-BOARD85-WMK= | |
| Cisco Webex Board 85 – floor stand – spare | CS-BOARD85-FS= | |
| Cisco Webex Board 85 – wall stand – spare | CS-BOARD85-WS= | |
| Cisco Webex Board 85 transport frame – spare | CS-BRD85-FRM= | |
| Cisco Webex Board pen kit (2 pens and 6 extra tips) | CS-BRD-PENKIT= | |
| Cisco HDMI presentation cable 8m - 4K capable (with repeater) | CAB-PRES-2HDMI-GR= | |
| Cisco Webex Board, cable management kit (sleeve only) - spare | SPBOARD-CBLMGMT= | |

Table 7. Cisco Webex Board subscriptions

| Product Name | Product number |
|--------------------------------------|-----------------|
| Cisco Webex Board subscription: MSRP | A-SPK-SH-ND-BRD |
| Cisco Webex Board subscription: GPL | A-SPK-SH-ND-SR |

Warranty information

The Cisco Webex Board 85 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, visit:

<https://www.cisco.com/go/collaborationservices>.

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