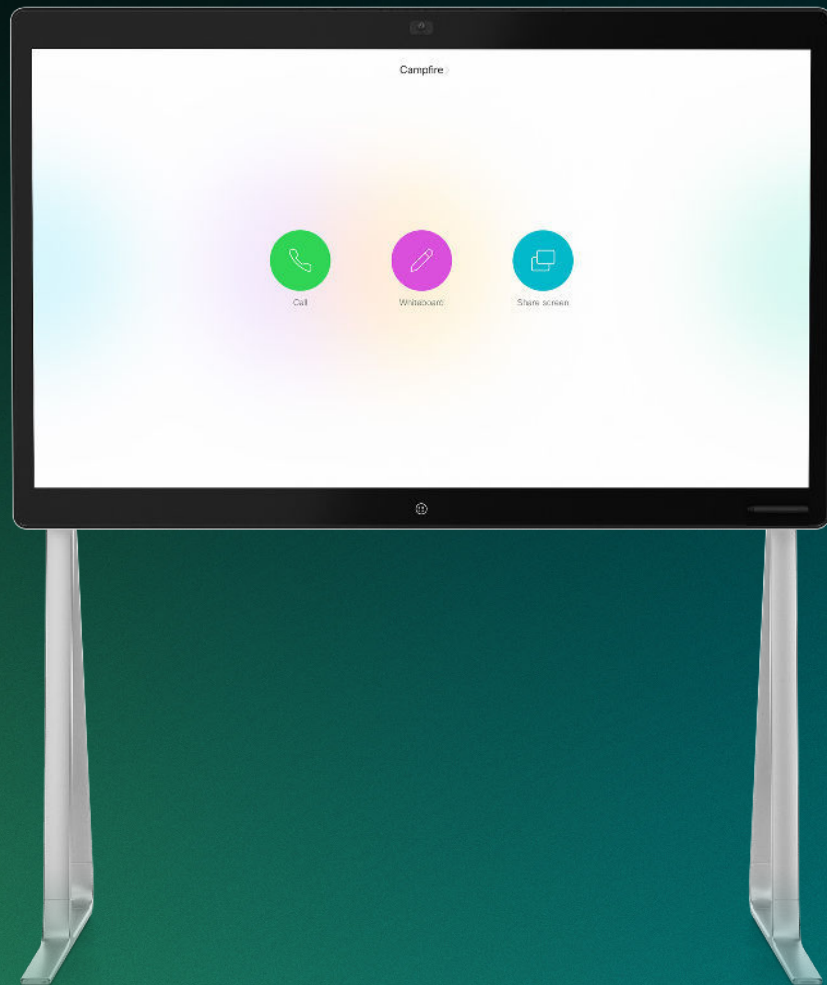




Resources

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Webex Board 70S



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The 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, whiteboard, and have video and audio calls. And it securely connects to your virtual teams through the Webex service or via your Webex App-enabled devices, so you can take your meetings and content on the road. The Webex Board 70S* is designed for huddle rooms and small spaces of up to five people. The Webex Board is also available in 55- and 85-inch screen options.



Figure 1. Wall-mount model of the Webex Board 70

Webex Board product overview

The 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 Webex Board draws its power from the Webex service, which combines meeting, messaging, calling, and new whiteboarding capabilities on any Webex App-enabled device. Registration to the Webex cloud lets you store everything created on the Webex Board directly in the cloud and associate it to a virtual Webex App 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 Webex Board 70S* is a fully self-contained system on a high-resolution 4K 70-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 latest hardware revision of the Webex Board family may be referred to as the S Series, representing minor optimization to the hardware platform. The product name remains the same, but the product ID reflects an addition of "S" to differentiate from the first revision for ordering purposes.



Figure 2. Wall-mount model of the Webex Board 70

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) Share wirelessly from your Webex App
Digital whiteboard	<ul style="list-style-type: none"> Easily whiteboard with the Webex Pen or your finger on the Webex Board and automatically save content to a Webex App space, or send whiteboards as email attachments directly from the Board Easily collaborate on a whiteboard in real-time with remote participants on other Webex Boards or participants using the Webex App Connects to whiteboarding capability on any Webex App Annotate on shared content An infinite canvas gives you unlimited workspace when whiteboarding Meeting participants on devices that do not support native whiteboarding will see the whiteboard as standard presentation sharing

Table 1. Features and benefits

FEATURE	BENEFIT
Meetings	<ul style="list-style-type: none"> • Embedded camera, speakers, and microphones for high-quality video and audio conferencing
Digital signage	<ul style="list-style-type: none"> • A powerful web engine provides the ability to connect to a web-based backend, to automatically display information when the Webex Board is not in use • Content displayed in signage mode can be either static or interactive, giving users the option to interact with the content displayed
Industrial design	<ul style="list-style-type: none"> • Discreet built-in 4K camera is unimimidating, 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
Usability	<ul style="list-style-type: none"> • Consistent user interface and workflow across the Webex Board and Webex 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 Webex 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 • Add Cisco Touch 10 or Webex Room Navigator to allow even more flexibility in controlling the Webex Board
Continuous workflow	<ul style="list-style-type: none"> • Cloud registration lets everything created on the Webex Board be stored directly and securely in the cloud and associated to a virtual Webex App 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 App on smartphones, tablets, and laptops • Webex Board and the Webex service together provide end-to-end encryption, so your communications and content are secure

Table 1. Features and benefits

FEATURE	BENEFIT
Intelligent views	<ul style="list-style-type: none"> 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 Powerful and intelligent ML capabilities for automatic people count and face recognition
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
Intelligent Proximity	<p>Webex Proximity and ultrasound pairing technology enable the following:</p> <ul style="list-style-type: none"> Webex Board automatically wakes up when it detects a Webex App 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.) Control of the Webex Board can be done through the Webex App device (make and disconnect calls, etc.)
On-premises deployment	<ul style="list-style-type: none"> Webex Board is optimized for cloud deployments but can also register to on-premises infrastructure (Cisco UCM, Expressway™, or third-party SIP/H.323 call control). In an on-premises deployment, the Webex Board is limited to support audio and video conferencing, content sharing (wireless or HDMI), and local whiteboarding out of call

Webex Board prominent features/differentiators

The power of Webex enables continuous teamwork

The 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 Webex. The consistency, simplicity, and reliability of experience across the Webex Board and the Webex App is made possible by these key features of 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 App virtual space, content and messages live persistently and can be accessed from any mobile device – laptop, smartphone, tablet – on the Webex 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 App. So, you can start your work on the Webex Board and continue on your personal and mobile devices, or vice versa.

An affordable way to purchase hardware

Webex Hardware as a Service provides a new way to purchase hardware with a simple, scalable and flexible way to pay. Stay up to date with the latest models of IP Phones and Webex Devices to enhance collaboration and create workspaces for the future. And get ready for all the power of Cisco's unified cloud platform!

[Learn more about Webex Hardware as a Service and the devices available.](#)

[Click here](#) to access the Webex Hardware as a Service data sheet.

Webex Board platform support

Table 2. Platform support

PRODUCT FAMILY	PLATFORMS SUPPORTED
Webex Board	<p>Activation and connection to Cisco Webex</p> <p>Native registration with Cisco UCM or Expressway (from version 10.5.2 or later with device pack)*</p> <p>Third-party H.323 gatekeepers and standards-based SIP proxies*</p>

Webex Board 70S product specifications

Table 3. Webex Board 70S product specifications

TYPE	SPECIFICATIONS
Software	For cloud deployments - Webex Room OS, provisioned and updated by Webex For on-premises deployments - CE9.8 or later
Components	Fully integrated unit is delivered with: <ul style="list-style-type: none"> • Multi-touch 70-inch LED display • 4K camera • 12-microphone array • Speakers • Whiteboarding pen
Display	<ul style="list-style-type: none"> • Edge LED LCD - 70-inch 4K, 300 nits, 16:9 • Viewing angle: +- 88 degrees (all directions) • Number of colors: 1.07 billion (10 bit) • Contrast: 1:4000 • Response time: 6 ms
User interface	<ul style="list-style-type: none"> • Control the Webex Board from the touch screen • Capacitive touch screen with protective glass and optical bonding • Multi-touch • Optionally use Cisco Touch 10 control unit or Webex Room Navigator
Inputs and outputs	<ul style="list-style-type: none"> • HDMI input • Home button • 3.5-mm mini jack audio out (line out) • USB micro (service) • USB-C for Touch Redirect
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

Table 3. Webex Board 70S product specifications

TYPE	SPECIFICATIONS
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) – Not available in Non-Radio versions <p>Note: Due to compliance regulations, it is required to enable 802.11d in access point for the product to operate properly within 5725 MHz – 5875 MHz. as WiFi connection is used as a flexible option, Ethernet connection is always preferred for high performance.</p> <ul style="list-style-type: none"> • 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 (QoS and Class of Service [CoS])
User controls	<ul style="list-style-type: none"> • Control the Webex Board directly from the touch screen or using the Webex App • Optionally use Cisco Touch 10 control unit or Webex Room Navigator
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 to be supported in future software release
System management	<ul style="list-style-type: none"> • For cloud deployments - Webex Board is managed in the administrator Webex Control Hub, giving system status and overview, activation, configuration, metrics, and troubleshooting • For on-premises deployments, Webex Board can be managed with Cisco UCM or Expressway

Table 3. Webex Board 70S product specifications

TYPE	SPECIFICATIONS	
System requirements for cloud deployments	<ul style="list-style-type: none"> • Webex Board is connected to the Webex cloud service using RESTful APIs. Communication with other Webex Boards, the Webex App, or other third-party solutions is provided through Webex • Communication with Webex 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	For Webex deployments Minimum bandwidth: <ul style="list-style-type: none"> • 720p30 from 768 Kbps • 1080p30 from 1.72 Mbps Maximum bandwidth: <ul style="list-style-type: none"> • Transmit: 4.3 Mbps • Receive: 10 Mbps 	For on-premises deployments Minimum bandwidth: <ul style="list-style-type: none"> • 720p30 from 768 kbps • 1080p30 from 1472 kbps Maximum up to 6 Mbps point to point
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 	
Presentation capabilities	<ul style="list-style-type: none"> • 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) • 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) 	

Webex Board 70S hardware specifications

Table 4. Webex Board 70S hardware specifications

TYPE	SPECIFICATIONS
Physical dimensions (H x W x D)	<ul style="list-style-type: none"> 40.7 x 64.1 x 2.4 in (1034 x 1627 x 61 mm)
Weight	<ul style="list-style-type: none"> 141.8 lb (64.3 kg)
Physical dimensions and weight of packaging (H x W x D)	<p>Main unit</p> <ul style="list-style-type: none"> Consolidated package size: 47.5 x 73.8 x 9.6 in (1207 x 1875 x 245 mm) Weight: 141.8 lb (64.3 kg) Shipping weight (including packaging): 159.4 lb (72.3 kg) <p>Wall mount</p> <ul style="list-style-type: none"> Consolidated package size: 10.1 x 66 x 3.6 in (256 x 1675 x 92 mm) Weight: 13.2 lb (6 kg) Shipping weight: 15.4 lb (7 kg) <p>Floor stand</p> <ul style="list-style-type: none"> Consolidated package size: 60 x 47 x 6.7 in (1524 x 1186 x 172 mm) Weight: 33 lb (15 kg) Shipping weight: 37.5 lb (17 kg) <p>Wall Stand</p> <ul style="list-style-type: none"> Consolidated package size: 64.7 x 45.8 x 4.6 in (1643 x 1164 x 116 mm) Weight: 28.7 lb (13 kg) Shipping weight: 39.7 lb (18 kg) <p>The 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.</p>

Table 4. Webex Board 70S hardware specifications

TYPE	SPECIFICATIONS
Power	<ul style="list-style-type: none"> • Autosensing power supply • 100 to 240 VAC, 50 to 60 Hz • Power consumption (Max 4.6A): <ul style="list-style-type: none"> - Sleep: 33W - Idle or in-use: 222W
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 & -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>Please check product approval status database https://www.ciscofax.com for approval documents per country.</p>

Ordering information

Table 5. Ordering information for the Webex Board 70S

PRODUCT NAME	PRODUCT NUMBER	COMPLIANCE MODEL NUMBER
Webex Board 70S	CS-BOARD70S-G-K9	TTC60-29
Webex Board 70S – Non Radio	CS-BOARD70S-NR-K9	TTC60-29
Webex Board 70S – Non Radio – Non Encryption	CS-BOARD70S-NR-K7	TTC60-29
Webex Board 70S – TAA	CS-BOARD70S-K9++	TTC60-29
Webex Board 70S – TAA – Non Radio	CS-BOARD70SNR-K9++	TTC60-29
Webex Board 70S – MM	CS-BRD70S-MM-K9	TTC60-29
Webex Board 70S – MM – Non Radio	CS-BRD70S-MM-NR-K9	TTC60-29
Webex Board 70 – Floor Stand	CS-BOARD70-G-FS	
Webex Board 70 – Wall Stand	CS-BOARD70-G-WS	
Webex Board 70 – Wall Mount Kit	CS-BOARD70-G-WMK	

Webex Board 70S spares

Table 6. Webex Board 70S spare products

PRODUCT NAME	PRODUCT NUMBER	COMPLIANCE MODEL NUMBER
Webex Board 70S – spare (unit only, no accessories)	CS-BOARD70S=	TTC60-29
Webex Board 70S – Non Radio – Spare	CS-BOARD70S-NR-K9=	TTC60-29
Webex Board 70S – Non Radio – Non Encryption – Spare	CS-BOARD70S-NR-K7=	TTC60-29
Webex Board 70 – Floor Stand – spare	CS-BOARD70-FS=	
Webex Board 70 – Wall Stand – spare	CS-BOARD70-WS=	
Webex Board 70 – Wall Mount Kit – spare	CS-BOARD70-WMK=	
Webex Board Pen Kit (2 pens and 6 additional tips) – spare	CS-BRD-PENKIT=	
Webex Board Pen Tips (30 tips, no pens)	CS-BRD-PENTIPS=	
Cisco HDMI Presentation cable 8m – 4K capable (w/repeater)	CAB-PRES-2HDMI-GR=	

Webex Board Subscription

For cloud deployments - monthly or 1-, 2-, 3-, 4-, or 5-year options

PRODUCT NAME	PRODUCT NUMBER
Webex Board Subscription: GPL (licensing may be covered by Flex Plan)	A-SPK-SH-ND-SR

Warranty information

The Webex Board 70S has a 90-day limited liability warranty.

Cisco environmental sustainability

Information about Cisco's environmental sustainability policies and initiatives for our products, solutions, operations, and extended operations or supply chain is provided in the "Environment Sustainability" section of Cisco's [Corporate Social Responsibility](#) (CSR) Report.

Reference links to information about key environmental sustainability topics (mentioned in the "Environment Sustainability" section of the CSR Report) are provided in the following table:

SUSTAINABILITY TOPIC	REFERENCE
Information on product material content laws and regulations	Materials
Information on electronic waste laws and regulations, including products, batteries, and packaging	WEEE compliance

Cisco makes the packaging data available for informational purposes only. It may not reflect the most current legal developments, and Cisco does not represent, warrant, or guarantee that it is complete, accurate, or up to date. This information is subject to change without notice..

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For more information

Learn more about the [Webex Board](#) family.

Download the [Webex](#) App today.

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