Cisco Webex Board 70

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Contents

Cisco Webex Board product overview 3

Cisco Webex Board features and benefits 4

Cisco Webex Board prominent features/differentiators 6

Cisco Webex Board platform support 6

Cisco Webex board subscription 6

Cisco Webex Board 70 product specifications 6

Ordering information 9

Cisco Webex Board subscription 10

Warranty information 10

Cisco environmental sustainability 10

Cisco service and support 11

Cisco Capital 11

For more information 11

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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, so you can take your meetings and content on the road.

Figure 1.
White boarding capability on the Cisco Webex Board 70

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 Cisco Webex Teams app. Registration to Cisco 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 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.

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The Cisco Webex Board 70 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 Cisco 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 in the Cisco 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 unintimidating, 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 86-degree-wide field of view to capture virtually the entire room • High-resolution 4K screen shows detailed content beautifully

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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, a Webex DX80, or the Cisco Webex Teams app on smartphones, tablets, and laptops • Cisco Webex Board and the Cisco Webex Teams app 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: • Cisco Webex Board automatically wakes up when it detects a Cisco Webex Teams 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.) • Basic endpoint control of the Webex Board can be done through a Webex Teams app (make and disconnect calls, etc.)

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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 Cisco Webex Board is registered and delivered simply and securely with end-to-end encryption through Cisco Webex 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 Cisco Webex Board and associated with a Cisco 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 70 product specifications

Type	Specifications
Software	Cisco Webex Board OS, provisioned by Cisco Webex
Components	Fully integrated unit is delivered with: • Multi-touch 70-inch LED display • 4K camera • 12-microphone array • Speakers • White boarding pen
Display	• Edge LED LCD – 70-inch 4K, 300 nits, 16:9 • Viewing angle: +- 88 degrees (all directions) • Number of colors: 1.07 billion (10 bit)

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Type	Specifications
	• Contrast: 1:4000 • Response time: 6 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) • One USB 3.0 (for serviceability)
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
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) • IPv4 Dynamic Host Configuration Protocol (DHCP)/static • Network Time Protocol (NTP) • HTTP Proxy support (for signaling, not media)
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)	• 40.7 x 64.1 x 2.4 in (1034 x 1627 x 61 mm)
Weight	• 141.8 lb (64.3 kg)

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Type	Specifications
Physical dimensions and weight of packaging (H x W x D)	**Main unit** • 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) **Wall mount** • 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) **Floor stand** • 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) **Wall Stand** • 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) 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.
Power	• Autosensing power supply • 100 to 240 VAC, 50 to 60 Hz • Power consumption: ◦ Sleep: 55W ◦ Idle or in-use: 240W
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	• Directive 2014/35/EU (Low-Voltage Directive) • Directive 2014/30/EU (EMC Directive) – Class A • Directive 2014/53/EU (Radio Equipment Directive) • Directive 2011/65/EU (RoHS) • Directive 2002/96/EC (WEEE) • NRTL approved (Product Safety) • FCC CFR 47 Part 15B (EMC) – Class A • FCC Listed (Radio Equipment) Please check product approval status database https://www.ciscofax.com for approval documents per country.
System requirements	• Cisco Webex Board is connected to Cisco Webex using RESTful APIs. Communication with other Webex Boards, Webex Teams apps, or other third-party solutions is provided through Cisco Webex platform • Communication with Cisco 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	Minimum bandwidth:

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Type	Specifications
	• 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)
Presentation capabilities	• Local presentation up to 4K • Audio over HDMI
Live video resolutions (encode/decode)	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

Product name	Product number	Compliance model number
Cisco Webex Board 70: Subscription pricing (MSRP* for cloud registration) **Cisco Webex Board 70: Upfront pricing (GPL**)**	SPARK-BOARD70-K9 CS-BOARD70-K9	AA70WW
Cisco Webex Board 70 – Floor Stand: Subscription pricing (MSRP*) **Cisco Webex Board 70 – Floor Stand: Upfront pricing (GPL**)**	SPARK-BOARD70-FS CS-BOARD70-FS	
Cisco Webex Board 70 – Wall Stand: Subscription pricing (MSRP*) **Cisco Webex Board 70 – Wall Stand: Upfront pricing (GPL**)**	SPARK-BOARD70-WS CS-BOARD70-WS	

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Product name	Product number	Compliance model number
Cisco Webex Board 70 – Wall Mount Kit: Subscription pricing (MSRP*) Cisco Webex Board 70 – Wall Mount Kit: Upfront pricing (GPL**)	SPARK-BOARD70-WMK CS-BOARD70-WMK	

*MSRP = Manufacturer's Suggested Retail Price

**GPL = Global Price List

Cisco Webex Board spares

Product name	Product number	Compliance model number
Cisco Webex Board 70 – spare: MSRP* Cisco Webex Board 70 – spare: GPL**	SPARK-BOARD70= CS-BOARD70=	AA70WW
Cisco Webex Board 70 – Floor Stand – spare: MSRP* Cisco Webex Board 70 – Floor Stand – spare: GPL**	SPARK-BOARD70-FS= CS-BOARD70-FS=	
Cisco Webex Board 70 – Wall Stand – spare: MSRP* Cisco Webex Board 70 – Wall Stand – spare: GPL**	SPARK-BOARD70-WS= CS-BOARD70-WS=	
Cisco Webex Board 70 – Wall Mount Kit – spare: MSRP* Cisco Webex Board 70 – Wall Mount Kit – spare: GPL**	SPARK-BOARD70-WMK= CS-BOARD70-WMK=	
Cisco Webex Board Pens 3x SPARE	SPARK-BOARD-PEN3X=	

Cisco Webex Board subscription

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 70 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:

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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 Cisco Webex Board family
- Download the Cisco Webex Teams app today

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