

Cisco Business Edition 6000 and 7000 version 15 (M6 appliances)

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Overview

Customers with on-premises technology environments have ever-increasing requirements for agility, flexibility, cost-effectiveness, and simplicity. Cisco Business Edition 6000 and 7000 appliances provide simplified architecture, design, delivery, and capacity planning to on-premises deployments of Cisco Collaboration applications. Built on the virtualized Cisco Unified Computing System™ (Cisco UCS®) platform, the Cisco® Business Edition 6000 (BE6000) and Business Edition 7000 (BE7000) are equipped with premium Cisco Collaboration applications for on-premises calling, messaging, meetings, contact center, and mobility. All preloaded on a single modular platform; activate applications as your collaboration needs increase and easily scale your users and devices by deploying additional appliances. Business Edition 6000 is optimized for small-sized collaboration; Business Edition 7000 can support collaboration deployments of any size.

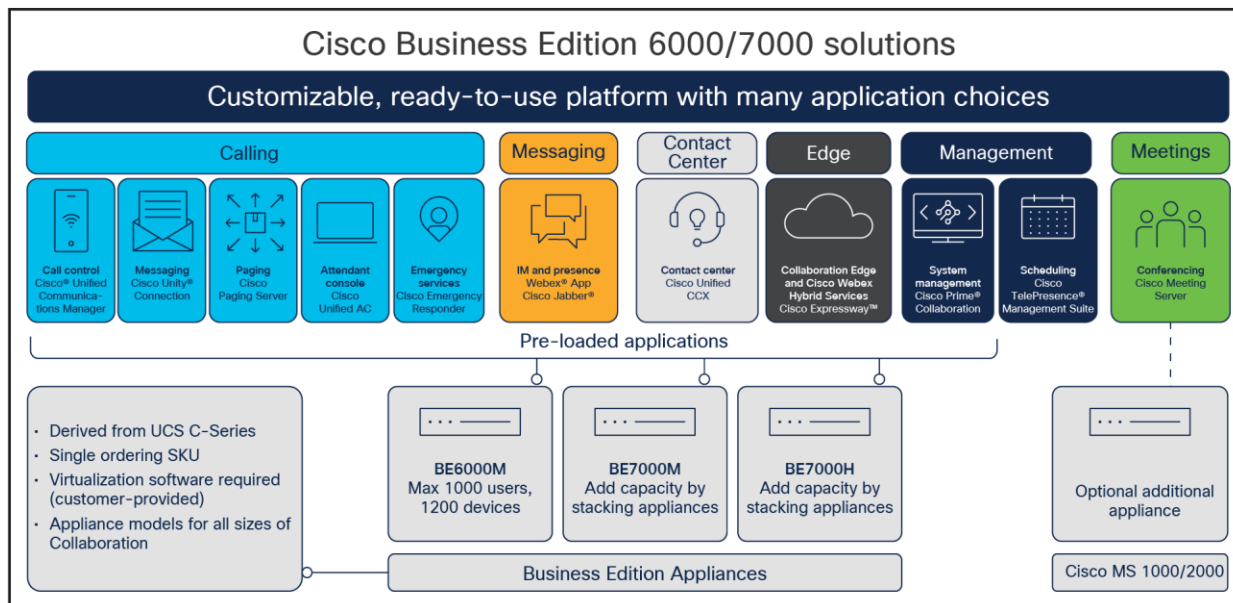


Figure 1.
Cisco BE6000 and BE7000: Easy to deploy with many application choices

Platform model options

The following appliance models are offered:

- **BE6000M (M6):** This model supports small collaboration deployments with a maximum of 1000 users, 1200 devices, and 100 contact center agents. Most best practices designs will fit on two or three appliances.
- **BE7000M (M6):** This model supports small, medium, and growing collaboration deployments (most frequently 500 to 5000 users and 3000 to 15,000 devices). Most best practices designs will fit on two to four appliances (stack additional appliances as needed for growth).
- **BE7000H (M6):** this model supports small, medium, large, and growing collaboration deployments (most frequently 10,000s of users and devices). Most designs are highly customer-specific and will require several appliances (stack additional appliances as needed for growth).

After sizing your applications, use [the QuoteCollab tool](#) to help you plan your deployment and identify how many appliances are needed for your current and future needs.

All appliance models are derived from Cisco Unified Computing System™ (Cisco UCS®) C-Series products.

Virtualization software is required but not included (see **Licensing** section).

Applications

The BE6000 and BE7000 platforms typically host a selection of core applications as part of a comprehensive Cisco collaboration solution.

Calling

- [Cisco Unified Communications Manager](#) (Cisco Unified CM) is the call-processing engine of Cisco's Collaboration Architecture. It extends voice and video features to network devices such as IP phones, telepresence endpoints, media-processing devices, gateways, and multimedia applications. Cisco Unified CM is equipped for use with the Instant Messaging (IM) and Presence Service. In addition, multimedia conferencing, collaborative contact centers, and interactive multimedia response systems are made possible through its open telephony APIs.
- [Cisco Unified Attendant Consoles](#) provide the human attendant console operator with the tools to quickly accept and effectively dispatch incoming calls to individuals across the organization.
- [Cisco Emergency Responder](#) helps assure that Cisco Unified Communications Manager sends emergency calls to the appropriate U.S. Public Safety Answering Point (PSAP) for the caller's location, and that the PSAP can identify the caller's location and return the call if necessary. The system automatically tracks and updates equipment moves and changes, helping ensure better compliance with legal or regulatory obligations and reducing the risk of liability related to emergency calls as a result.
- [Cisco Paging Server](#) provides paging capabilities for all users. It supports basic and advanced paging features. Basic paging features require no license and allow point-to-point or group audio paging between groups of up to 50 Cisco IP phones. An advanced paging license allows unlimited paging groups. It also makes possible other advanced functions, including paging to overhead analog and IP speakers, bell scheduling, prioritizing emergency notifications with the call-barge option, prerecorded and text-only pages, integration with social media sites for notification, email and Short Message Service (SMS) mass notification and all-number monitoring, emergency services alerting, and integration with Cisco Jabber clients.

Messaging

- [Webex® App](#) combines important team collaboration capabilities, such as calling, meeting, messaging, whiteboarding, and content sharing into one simple interface that integrates with additional cloud-based business applications, such as SharePoint, Box, and many others. Webex connects your teams with external teams, including customers and partners, to bring all collaboration activities together in one convenient space.
- [Cisco Unified Communications Manager IM and Presence Service](#) provides embedded standards-based enterprise instant messaging and network-based presence. The service is secure, scalable, easy to manage, and rich in features. It's tightly integrated with [Cisco Jabber®](#) desktop and mobile instant messaging and presence clients and the Cisco Jabber Software Development Kit (SDK). Collaboration clients such as Cisco Jabber use products from the Cisco collaboration portfolio to perform many functions, such as instant messaging, presence, click-to-call, phone control, voice, video, visual voicemail, and web collaboration.

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- [Cisco Unity® Connection](#) integrates voice-messaging and voice-recognition functions to provide continuous global access to calls and messages. Its advanced convergence-based communication services allow you to use natural-language voice commands to place calls or listen to messages in hands-free mode and to check voice messages from your desktop, either from your email inbox or in a web browser. It also provides robust auto-attendant functions, including intelligent routing for incoming calls and easily customizable call-screening and message-notification options.

Contact Center

- [Cisco Unified Contact Center Express](#) product line helps businesses and organizations deliver a connected digital experience, enabling you to provide contextual, continuous, and capability-rich journeys for your customers, across time and channels. This easy-to-deploy and easy-to-use solution is designed for midmarket companies or enterprise branch offices. Secure and highly available, it supports powerful agent-based services and fully integrated self-service applications, including Automatic Call Distributor (ACD), Interactive Voice Response (IVR), Computer Telephony Integration (CTI) and digital channels, including email and chat.

Edge

- [Cisco Expressway™](#) is an advanced gateway that helps make collaboration as simple, secure, and effective outside the organization as it is inside. Expressway provides remote access to mobile users and teleworkers, without the need for a separate VPN client. It supports business-to-business and business-to-consumer collaboration, and video interoperability with third-party standards-based systems. Expressway also enables seamless [hybrid collaboration](#) experiences, connecting on-premises unified communications assets to [Webex®](#) cloud services.

Management

- [Cisco Prime Collaboration Deployment](#) is an application that is designed to assist in the management of unified communications applications. It allows you to perform tasks such as migration of older software versions to new virtual machines, fresh installs, and upgrades of existing applications.
- **(Not preloaded)** [Cisco TelePresence® Management Suite](#) offers flexible scheduling capabilities for video meetings, including the ability to integrate with Microsoft Exchange and Microsoft 365. At the core of the Cisco collaboration infrastructure portfolio, the suite facilitates on-premises video collaboration. It works with Cisco Meeting Server and Cisco TelePresence Server deployments.

Meetings

- **(Not preloaded)** [Cisco Meeting Server](#) brings premises-based video, audio, and web communication together to meet the collaboration needs of the modern workplace. It works with third-party devices and provides an enjoyable and intuitive user experience. It also scales easily and can be purchased using our all-in-one, user-based multiparty licensing offer.

In addition, Business Edition 6000 and 7000 appliances support co-residency of approved third-party collaboration applications as described in the [virtualization documentation](#).

Solution specifications: System capacity

Table 1 lists hardware specs and typical system capacities of BE6000 and BE7000 appliance models. For detailed design guidance and deployment models, please refer to the [Solutions Reference Network Design \(SRND\)](#) guides and Preferred Architecture for Enterprise Collaboration, the [virtualization documentation](#), and the [QuoteCollab](#) tool.

Table 1. Cisco BE6000M, BE7000M, BE7000H Models – Hardware Specs and System Capacity

| Attribute | Capacity |
|---|---|
| Physical hardware specifications | BE6000M (M6), BE7000M (M6), BE7000H (M6): See Cisco Appliance examples at https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/uc_system/virtualization/cisco-collaboration-infrastructure.html#HW_Example . |
| Maximum capacity (users/devices) | BE6000M: Maximum deployment capacity of 1000 users, 1200 devices, 100 contact center agents across all appliances. BE7000M and BE7000H: No enforced limit; stack appliances as needed to accommodate application workloads or higher deployment capacity. |
| Maximum number of co-resident applications | After sizing your applications, use the QuoteCollab tool to help you identify how many appliances are needed. BE6000M (M6): Varies but typically 5 to 7 per appliance in best practices designs. BE7000M (M6): Varies but typically 6 to 8 per appliance in best practices designs. BE7000H (M6): Varies but typically 12 to 15 per appliance in best practices designs. |

Licensing

Each BE6000 or BE7000 appliance requires a license for VMware vSphere ESXi, which must be customer-provided.

Entitlement for the collaboration applications in the BE6000 and BE7000 appliances is sold separately. Each customer may purchase a Cisco Collaboration Flex Plan subscription under an Enterprise Agreement (EA) or Named User (NU) model for all of their users and common area devices. Cisco Collaboration Flex Plan provides simplified purchasing with flexible payment options, easily extensible functionality from calling and messaging to meetings and contact center, flexible migration to the cloud, and enhanced visibility into collaboration usage. For more information, see <https://www.cisco.com/c/en/us/products/unified-communications/collaboration-flex-plan/index.html>.

Ordering information

Cisco channel partners and resellers can refer to the [Ordering Guide for Cisco Business Edition 6000/7000 version 15 \(M6 appliances\)](#).

To order any appliance model, simply purchase the required number of appliances (using the part number[s] in Table 2) and purchase a virtualization software license from VMware by Broadcom or a Broadcom channel partner, and add Collaboration Flex Plan subscriptions to enable applications for the required mix of features and number of users.

To place an order, contact your local Cisco representative or visit Cisco.com to [order direct from Cisco](#) or [locate a partner](#). Search on “Advanced Collaboration Architecture Specialization (ACAS)” or “Master Collaboration” to find a certified unified communications partner in your local area.

Table 2. Ordering Cisco Business Edition 7000 Platform Models

| Part Number | Description |
|-------------------|---|
| BE6K-M6-K9 | Cisco Business Edition 6000 Svr (M6), Export Restricted SW |
| BE6K-M6-XU | Cisco Business Edition 6000 Svr (M6), Export Unrestricted SW |
| BE7H-M6-K9 | Cisco Business Edition 7000H Svr (M6), Export Restricted SW |
| BE7H-M6-XU | Cisco Business Edition 7000H Svr (M6), Export Unrestricted SW |
| BE7M-M6-K9 | Cisco Business Edition 7000M Svr (M6), Export Restricted SW |
| BE7M-M6-XU | Cisco Business Edition 7000M Svr (M6), Export Unrestricted SW |

Cisco Services

Cisco Unified Communications Services help you accelerate cost savings and productivity gains associated with deploying Cisco Unified Communications in your network. Delivered by Cisco and our certified partners, our portfolio of deployment and technical support services is based on proven methodologies for unifying voice, video, data, and mobile applications on fixed and mobile networks.

Our unique lifecycle approach to these services can help you provide your users with powerful new ways to collaborate with co-workers, partners, and customers across any workspace to accelerate business advantage.

To learn more, please visit <https://www.cisco.com/go/ucservices>.

Cisco Capital

Flexible payment solutions to help you achieve your objectives

Cisco Capital makes it easier to get the right technology to achieve your objectives, enable business transformation and help you stay competitive. We can help you reduce the total cost of ownership, conserve capital, and accelerate growth. In more than 100 countries, our flexible payment solutions can help you acquire hardware, software, services and complementary third-party equipment in easy, predictable payments.

[Learn more.](#)

For more information

To learn more about Cisco Business Edition 7000 Solutions, visit <https://www.cisco.com/go/be7000>.

To learn more about designing virtualized solutions, visit https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/uc_system/virtualization/cisco-collaboration-virtualization.html and <https://www.cisco.com/go/quotecollab>.

To learn more about resources for Cisco channel partners, visit <https://www.cisco.com/go/bepartner>.

Document history

| New or Revised Topic | Described In | Date |
|---|---|--------------------|
| Updated to Version 15 | Entire document | September 18, 2024 |
| Updated for <ul style="list-style-type: none">• end of life bulletins,• appliance hardware refresh• changes to virtualization software licensing. | Support information of www.cisco.com/go/be6000 www.cisco.com/go/be7000 Virtualization documentation at www.cisco.com/go/virtualized-collaboration | December 15, 2022 |

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