

Cisco Business Edition 7000 Version 9.1

Product Overview

Cisco Business Edition 7000 (Business Edition 7000) Version 9.1 is a stackable, packaged collaboration solution optimized for organizations with 1000 or more users, and thousands of devices. The solution offers premium voice, video, mobility, messaging, conferencing, instant messaging and presence, and contact center features on a single, integrated platform. It provides core communication capabilities that fast-growing companies need for improved collaboration across their value chain. Enabled by virtualization technology, Business Edition 7000 consolidates multiple collaboration applications in a highly available solution that enables organizations to quickly reduce their total cost of ownership (TCO) and increase their return on investment (ROI) through its flexible architecture that scales-out with business needs in a modular, building block design.

Features and Benefits

Business Edition 7000 delivers full-featured, enterprise-class communications and collaboration services that successful businesses rely on today. Built on the world-leading Cisco Unified Communications Architecture, the solution boasts a variety of highly available applications that allow you to build a solution to meet customers' specific collaboration needs.

Platform Support and Compatibility

Business Edition 7000 is built on virtualized Cisco Unified Computing System™ (Cisco UCS®) products, which are designed for performance and density over a wide range of business workloads. The enterprise-class Cisco UCS C240 M3 Rack Server packages advanced performance with energy efficiency of the Intel Xeon processor E5-2600 product family in a 2-rack-unit (2RU) form factor. Deployments vary, but typically four to six collaboration or management applications are supported per server.

Business Edition 7000 ships with a preinstalled virtualization hypervisor and preloaded software applications that are ready to deploy.

Foundation Applications

The following applications are typically used together to deliver the core unified communications features of the Business Edition 7000:

- [Cisco Unified Communications Manager](#) is the call-processing engine of Business Edition 7000, extending voice and video features to network devices such as IP phones, telepresence endpoints, media-processing devices, gateways, and multimedia applications. Fully integrated instant messaging and presence services are also included. Additional services such as multimedia conferencing, collaborative contact centers, and interactive multimedia response systems are made possible through Cisco Unified Communications Manager open telephony application programming interfaces (APIs).
- [The Cisco Jabber®](#) client portfolio takes advantage of intelligence in Cisco networks and Cisco Unified Communications Manager to offer a highly secure, reliable, and rich collaboration experience. It delivers a consistent experience across on-premises and cloud-based deployments, and uses industry standards to help ensure interoperability across Cisco and third-party solutions.

- [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 through integration with your email inbox or by using a web browser. It also provides robust Automated-Attendant functions, including intelligent routing for incoming calls and easily customizable call-screening and message-notification options.
- [Cisco Prime™ Collaboration](#) provides an automated process for initial deployments and for “day 2” moves, adds, changes, and deletions (MACDs). An intuitive user interface provides a single view of a subscriber and the subscriber's services. With these capabilities, Cisco Prime Collaboration significantly accelerates site rollouts and dramatically reduces the time required for ongoing changes, resulting in exceptional productivity gains and lower operating expenses (OpEx). In addition, Cisco Prime Collaboration simplifies the tasks, allowing organizations to optimize IT resources and further reduce TCO.
- [Cisco Licensing](#) (including Cisco Enterprise Licensing Manager [ELM]) makes usage and reporting simple. Cisco ELM provides a centralized, at-a-glance view of compliance and allows for redistribution of licensing among supported products. User licensing - based on user profiles - aligns with Cisco User Connect Licenses (UCL) and Cisco Unified Workspace Licensing (UWL) purchasing models.

Additional Collaboration Options

To complement the core unified communications applications detailed previously, the following collaboration applications can also be deployed with the Business Edition 7000:

- [Cisco Expressway](#) provides advanced video integration, allowing older video devices to be supported.
- [Cisco Unified Contact Center](#) provides high-quality call center capabilities, including agent-based services as well as fully integrated self-service applications, sophisticated and distributed automatic call distributor (ACD), interactive voice response (IVR), customer voice portal (CVP), and computer telephony integration (CTI).
- [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 WebEx® Web Conferencing](#) accelerates business results by making your web meetings more productive. This people-centric cloud-based collaboration solution can enable team members to easily share information through any computer or mobile device. WebEx® Meetings allows people to attend meetings any time, from anywhere, inside and outside corporate firewalls.
- [Cisco Emergency Responder](#) helps assure that Cisco Unified Communications Manager sends emergency calls to the appropriate 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 more effective compliance with legal or regulatory obligations, reducing the risk of liability related to emergency calls as a result.
- [Cisco Paging Server](#) provides basic and advanced paging features for all users. 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 larger (unlimited) paging groups and enables other advanced functions, including Business Edition 7000 support for limited co-residency of approved third-party applications as described in the Co-residency Policy available at http://www.cisco.com/en/US/products/ps11369/prod_white_papers_list.html.

Warning: Installation of an unapproved applications server would be in violation of the Virtualization Hypervisor license terms and would invalidate product warranty and support.

Solution Specifications: System Capacity

Table 1 lists typical system capacities that Business Edition 7000 supports (actual capacities will vary by deployment specifics). For detailed design guidance and deployment models, please refer to the Solutions Reference Network Design (SRND) guides located at: <http://www.cisco.com/go/srnd>, the wiki pages located at <http://www.cisco.com/go/uc-virtualized>, and the Collaboration Virtual Machine Placement Tool at <http://www.cisco.com/go/vmpt>.

Table 1. System Capacity

Attribute	Capacity
Maximum capacity	No enforced limit; optimized for 1000 to 5000 users with a modular, building-block design approach for larger deployments
Number of devices supported	No enforced limit; optimized for 3000+ devices
Maximum number of co-resident applications	Typically four to six applications per server (will vary by deployment specifics) Typical deployment two to four physical servers

Ordering Information

To order the Business Edition 7000, simply purchase the required number of servers (using the part number(s) in Table 2), and add application licensing to enable the required mix of features and number of users (for example, User Connect Licensing or Cisco Unified Workspace Licensing, sold separately from the Business Edition 7000 server part number). Cisco channel partners and resellers can refer to the Business Edition 7000 Ordering Guide located at: http://www.cisco.com/web/partners/sell/technology/ipc/uc_tech_readiness.html for further information.

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)”, “Advanced Unified Communications (AUC)” or “Advanced Technology Partner (ATP)” to find a certified unified communications partner in your local area.

Table 2. Ordering Cisco Business Edition 7000

Part Number	Description
BE7K-K9	Cisco Business Edition 7000 UCS C240 M3 TRC2 Srv, RST
BE7K-K9-XU	Cisco Business Edition 7000 UCS C240 M3 TRC2 Srv, UNRST

Cisco Services

Cisco Unified Communications Services allows you to accelerate cost savings and productivity gains associated with deploying a secure, resilient Cisco Unified Communications solution on 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 enhance your technology experience to enable powerful new ways to collaborate with co-workers, partners, and customers across any workspace to accelerate business advantage.

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

For More Information

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

To learn more about designing virtualized solutions, visit <http://www.cisco.com/go/uconucs>, <http://www.cisco.com/go/uc-virtualized> and <http://www.cisco.com/go/vmpt>.



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