

# Cisco Unified Communications Manager on Cisco Unified Computing System Express



## Product Overview

Cisco® Unified Communications Manager on Cisco Unified Computing System™ Express (Cisco Unified CM on Cisco UCS Express) extends the benefits of the United States Department of Defense-certified Cisco Unified Communications Manager to the industry-leading Cisco Integrated Services Routers Generation 2 (ISR G2) router. The ISR has traditionally provided the time-division multiplexing (TDM) voice gateway, edge boundary controller, and customer edge router components of the certified Cisco Local Session Controller solution. Cisco Unified CM on Cisco UCS Express enables combination of the Cisco Unified Communications Manager and TDM voice gateway components in a single, integrated chassis.

## Features and Benefits

- Reduced size, weight, and power: The solution eliminates the requirement for a standalone server for the Cisco Unified Communications Manager.
- Single-box solution: Local Session Controller components for Cisco Unified Communications Manager and the voice gateway can be combined in a single Cisco ISR G2 router.
- Full Cisco Unified Communications Manager 8.6 release feature set: The solution offers all the features of a Cisco Unified Communications Manager running on a standalone Cisco Media Convergence Server (MCS) or Cisco UCS server platform.
- Joint Interoperability Test Command (JITC)-certified solution (proposed): Cisco Unified CM on Cisco UCS Express will be included as a supported platform in the JITC testing of Cisco Unified Communications Manager Version 8.6 and added to the United States Department of Defense Approved Products List.
- Fully Cisco supported solution: All components of the solution are both provided and supported by Cisco.

## Platform Support

Cisco UCM on Cisco UCS Express uses the Cisco Services-Ready Engine (SRE) to host the Cisco Unified Communications Manager Version 8.6. Table 1 identifies the Cisco ISRs that support the Cisco SRE, as well as the maximum number of SRE modules that can be supported.

**Table 1.** Cisco ISRs That Support Cisco SRE

Model	Maximum Number of Cisco SRE Modules
Cisco 2911	1
Cisco 2921	1
Cisco 2951	2
Cisco 3925	2
Cisco 3945	4

## Product Specifications

Cisco Unified CM on Cisco UCS Express is a tested integration of multiple Cisco components. The integration consists of the elements in Table 2; Table 3 gives system requirements, and Table 4 gives ordering information.

**Table 2.** Product Specifications

Component	Description
Cisco ISR G2	Router
Cisco SRE	Application server that is integrated on the Cisco ISR G2
Cisco Unified Computing System Express	Virtualization environment for the SRE
Cisco Unified Communications Manager	Call control

**Table 3.** System Requirements

Cisco ISR G2	Cisco Unified CM on Cisco UCS Express requires a Cisco ISR G2 Router.
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## Warranty Information

Find warranty information on Cisco.com at the [Product Warranties](#) page.

## Ordering Information

To place an order, visit the [Cisco Ordering Home Page](#) and refer to Table 4. To download software, visit the [Cisco Software Center](#).

**Table 4.** Ordering Information

Part Number	Description	Price
<b>SM-SRE-910-K9=</b>	Services Module with Services Ready Engine (SRE)	\$3,900
With the following Configuration Options for SM-SRE-910-K9:		
SM-MEM-VLP-4GB	4GB Very Low Profile SDRAM for SRE SM	\$1,350
SM9-UCSE	Configuration container for UCS Express on SRE 900 DM	\$0
FL-SRE-V-HOST	Permanent paper license for VMware ESXi on SRE SM	\$495
SW-SM-SRE-V.1.0-K9	VMware vSphere Hypervisor (ESXi) for SRE SM	\$0
DISK-MODE-RAID-1	Configure hard drives as RAID1 (mirror)	\$0

Part Number	Description	Price
<b>CUCM-USR-LIC</b>	Top Level SKU For User License	\$0
With the following Configuration Options for CUCM-USR-LIC:		
LIC-CUCM-USR-A	Unified Communications Manager Enhanced Single User—Under 1K—QTY 100	\$21,000
UCSS-UCM-1-1-A	UC Manager Enh UCSS Less than 1K users—1 user—1 year—QTY 100	\$1,200
CUCM-UCS-1000-86	Unified Communication Manager 8.6 Server Software	\$0
CM86-UCS-1000-KIT	CUCM Auto Expansion Media Kit	\$0
CUCM-PAK	Include PAK Auto-expanding PAK for CUCM	\$0
CUCM-USR	Include PAK Auto-expanding User for CUCM—QTY 300	\$0
UCM-S-UCS-NODE	CUCM CUCM-UCS-1000 Node	\$0
UCSS-UCM-PAK	Include PAK Auto-expanding UCSS PAK for CUCM	\$0

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## For More Information

For more information about the Cisco Unified Computing System Express, please visit

<http://www.cisco.com/en/US/products/ps11273/index.html> or contact your local Cisco account representative.

For more information about the Cisco Unified Communications Manager on the Cisco Unified Computing System, visit: <http://www.cisco.com/en/US/netsol/ns1067/index.html>, or contact your local Cisco account representative

For more information about the Cisco Services-Ready Engine, please visit

[http://www.cisco.com/en/US/prod/collateral/modules/ps10598/data\\_sheet\\_c78-553913.html](http://www.cisco.com/en/US/prod/collateral/modules/ps10598/data_sheet_c78-553913.html).



**Americas Headquarters**  
Cisco Systems, Inc.  
San Jose, CA

**Asia Pacific Headquarters**  
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