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Overview

C2901-CME-SRST/K9 is a Cisco 2901 router bundled with Voice Bundle w/ PVDM3-16, FL-CME-SRST-25, and UC License PAK.

When Unified CME is used in SRST mode, it provides more call processing features for the IP phones than those are available with the SRST feature on a router. In addition, to the SRST features such as call preservation, auto-provisioning, and failover, Unified CME in SRST mode also provides most of the Unified CME telephony features for the SCCP phones, including:

- ✧ Paging
- ✧ Conferencing
- ✧ Hunt groups
- ✧ Basic automatic call distribution (B-ACD)
- ✧ Call park, call pickup, call pickup groups
- ✧ Overlay-DN, softkey templates
- ✧ Cisco IP Communicator
- ✧ Cisco Unified Video Advantage
- ✧ Integration with Cisco Unity with MWI support at remote sites, with distributed Microsoft Exchange or IBM Lotus Domino server

Quick Specs

Table 1 shows the Quick Specs of the C2901-CME-SRST/K9.

Product Code	C2901-CME-SRST/K9
Bundle	2901 Voice Bundle w/ PVDM3-16,FL-CME-SRST-25, UC License PAK
Rack Units	1U
Interfaces	2 integrated 10/100/1000 Ethernet ports
Expansion Slot(s)	2 onboard digital signal processor (DSP) slots 4 enhanced high-speed WAN interface card slots 1 onboard Internal Service Module for application services
RAM	512 MB (installed) / 2 GB (max)
Flash Memory	256 MB (installed) / 8 GB (max)
Dimensions	43.9 cm x 43.8 cm x 4.5 cm

Product Details

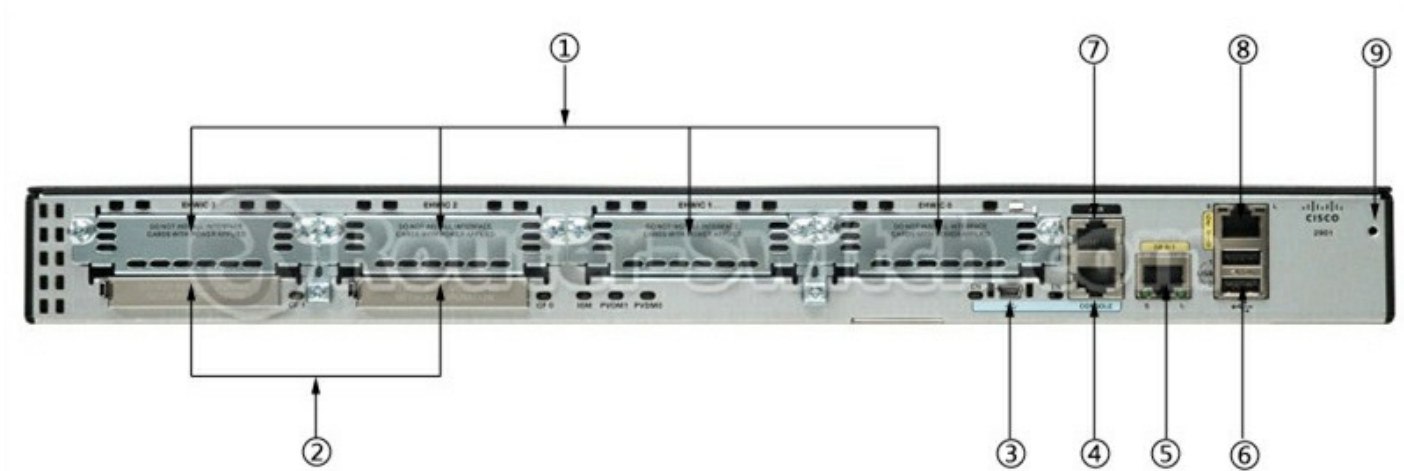
Figure 1 shows the front panel of the Cisco 2901 router with ports and LEDs. C2901-CME-SRST/K9 is similar with it.



Note:

(1)	SYS	(4)	On/Off switch
(2)	ACT	(5)	AC power connector
(3)	POE		

Figure 2 shows the back panel of the Cisco 2901 router. C2901-CME-SRST/K9 is similar with it.



Note:

(1)	EHWIC 0,1,2 and 3 (0, far right)	(6)	USB 0 and 1 (1, top)
(2)	Compact flash 0 and 1	(7)	AUX
(3)	USB serial port	(8)	10/100/1000 Ethernet port (GE 0/0)
(4)	RJ-45 serial console port	(9)	Ground
(5)	10/100/1000 Ethernet port (GE 0/1)		

Modularity Features

Table 3 shows some recommended modules for this router.

Models	Description
HWIC-2T	2-Port Serial WAN Interface Card Cisco Router High-Speed WAN Interface card
EHWIC-1GE-SFP-CU	Cisco 1900, 2900, 3900 Router EHWIC WAN Card vb EHWIC-1GE-SFP-CU
EHWIC-4ESG	Four port 10/100/1000 Base-TX Gigabit Ethernet switch interface card for Cisco 1900 2900 3900 Routers
ISM-SRE-300-K9	Internal Services Module (ISM) with Services Ready Engine
MEM-CF-256U1GB	256MB to 1GB Compact Flash Upgrade for Cisco 1900,2900,3900
MEM-CF-256U2GB	256MB to 2GB Compact Flash Upgrade for Cisco 1900,2900,3900
MEM-CF-256U512MB	256MB to 512MB CF Upgrade for Cisco 1900,2900,3900 ISR
MEM-CF-256U4GB	256MB to 4GB Compact Flash Upgrade for Cisco 1900,2900,3900
MEMUSB-1024FT	1GB USB Flash Token

Compare to Similar Routers

Table 4 shows the comparison between CISCO2901/K9 and C2901-CME-SRST/K9.

Model	CISCO2901/K9	C2901-CME-SRST/K9

Bundle	N/A	2901 Voice Bundle w/ PVDM3-16,FL-CME-SRST-25, UC License PAK
Interface	2GE	2GE
EHWIC slot	4	4
SIM Slot	0	0
SFP	0	0
Memory	512MB (installed) / 2 GB (max)	512MB (installed) / 2 GB (max)
Flash Memory	256 MB (installed) / 8 GB (max)	256 MB (installed) / 8 GB (max)
Rack Unit	1U	1U

Get more information

Do you have any question about the C2901-CME-SRST/K9 router?

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Specification

C2901-CME-SRST/K9 Specifications	
Manufacturer	Cisco Systems, Inc
Manufacturer Part Number	C2901-CME-SRST/K9
Bundle	2901 Voice Bundle w/ PVDM3-16,FL-CME-SRST-25, UC License PAK
Product Type	Router
Form Factor	External - modular - 1U
Dimensions (WxDxH)	43.9 cm x 43.8 cm x 4.5 cm
Weight	6.1 kg
DRAM Memory	512 MB (installed) / 2 GB (max)
Flash Memory	256 MB (installed) / 8 GB (max)
Routing Protocol	OSPF, IS-IS, BGP, EIGRP, DVMRP, PIM-SM, IGMPv3, GRE, PIM-SSM, static IPv4 routing, static IPv6 routing
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Remote Management Protocol	SNMP, RMON
Digital Ports Qty	16
Features	Firewall protection, VPN support, MPLS support, Syslog support, IPv6 support, Class-Based Weighted Fair Queuing (CBWFQ), Weighted Random Early Detection (WRED)
Compliant Standards	IEEE 802.1Q, IEEE 802.3af, IEEE 802.3ah, IEEE 802.1ah, IEEE 802.1ag
Power	AC 120/230 V (50/60 Hz)

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