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Overview

C3925E-VSEC-SRE/K9 is the Cisco Router ISR G2 with SRE and Voice Security Bundle. Its Voice Security Bundle features is the same as C3925E-VSEC/K9, but it's bundled with SRE 900, PVDM3-64, UC, SEC Lic. PAK.

Quick Specs

Table 1 shows the Quick Specs of the C3925E-VSEC-SRE/K9.

Product Code	C3925E-VSEC-SRE/K9
Bundle	Cisco 3925E SRE Bundle, SRE 900, PVDM3-64, UC, SEC Lic. PAK
Services Performance Engine module	w/SPE 200
Rack Units	3U
Interfaces	4 integrated 10/100/1000 Ethernet ports with 2 SFP ports
Expansion Slot(s)	2 service module slots 3 onboard digital signal processor (DSP) slots 3 Enhanced High-Speed WAN Interface Card (EHWIC) slots
RAM	1 GB (installed) / 2 GB (max)
Flash Memory	256 MB (installed) / 8 GB (max)
Dimensions	47.6 cm x 43.8 cm x 13.3 cm

Product Details

Figure 1 shows the appearance of the Cisco 3925E/K9 router. C3925E-VSEC-SRE/K9 is similar with it.



Table 2. Summary of Features and Benefits of Cisco Services-Ready Engine

Key Features	Key Benefits
<ul style="list-style-type: none"> Ability to host Cisco, third-party, and custom applications Small physical, energy, and carbon footprint High-performance, high-capacity hardware On-demand remote application provisioning Centralized management and troubleshooting 	<ul style="list-style-type: none"> Consolidate and simplify branch-office infrastructure into one device Save on energy bills, hardware support contracts, and onsite visits Improve versatility and flexibility of branch-office infrastructure Quickly and cost-effectively adapt branch-office services and applications to evolving business needs

Table 3 shows Cisco SRE Module Product Specifications. C3925E-VSEC-SRE/K9 supports SRE 900.

Feature	Cisco SRE 300 ISM	Cisco SRE 700 and SRE 710 SMs	Cisco SRE 900 and SRE 910 SMs
Product part number	ISM-SRE-300-K9	SM-SRE-700-K9 SM-SRE-710-K9	SM-SRE-900-K9 SM-SRE-910-K9
Form factor	ISM	SM	SM
CPU	Genuine Intel Processor, 1.06 GHz	Intel Core2 Solo, 1.86 GHz	Intel Core2 Duo, 1.86 GHz
DRAM	512 MB	4 GB	4 GB (default) or 8 GB
Compact Flash memory	4-GB internal USB flash-memory module	2-GB internal USB flash-memory module	2-GB internal USB flash-memory module
Hard disk	None	One 500-GB SATA 5400 rpm (SRE 700) 7200 rpm (SRE 710)	Two 500-GB SATA (1 TB in non-RAID mode) 5400 rpm (SRE 900) 7200 rpm (SRE 910)
Hot-swappable hard disk drive (HDD)	None	None	Yes
RAID support	None	None	RAID 0 or 1 (application dependent)
Internal network interfaces	Gigabit Ethernet connectivity to router backplane	Gigabit Ethernet connectivity to router backplane	Gigabit Ethernet connectivity to router backplane
External network interfaces	None	One USB connector One RJ-45 Gigabit Ethernet connector	One USB connector One RJ-45 Gigabit Ethernet connector
Router platforms	Cisco 1941, 2901, 2911, 2921, 2951, 3925, and 3945 Integrated Services Routers	Cisco 2911, 2921, 2951, 3925, 3925E, 3945, and 3945E Integrated Services Routers	Cisco 2911, 2921, 2951, 3925, 3925E, 3945, and 3945E Integrated Services Routers
Cisco IOS Software (on router)	Release 15.0(1)M	Release 15.1(4)M	Release 15.1(4)M
Embedded hardware-based cryptography acceleration	No	No	Yes
Supported Applications			

Applications	Cisco Unity Express	Cisco Unity Express	Cisco Unity Express
	Cisco Application Extension Platform (AXP)	Cisco Wide Area Application Services (WAAS)	Cisco UCS Express
	Cisco Wireless LAN Controller (WLC)	Infoblox Core Network Services	Cisco AXP
		Cisco Prime Network Analysis Module (NAM)	Cisco WLC
		Cisco Unified SIP Proxy	Cisco WAAS
		Cisco Unified Messaging Gateway (UMG)	Cisco Video Surveillance
		Cisco Survivable Remote Site Voicemail (SRSV)	Infoblox Core Network Services
		Sagemcom Fax over IP	Cisco Prime Network Analysis Module (NAM)
		Tiani Spirit Medical Data Exchange Solution	Cisco Unified SIP Proxy
		Orion Health Rhapsody Connect	Cisco Unified Messaging Gateway (UMG)
		NetScout nGenius Integrated Agent	Cisco Survivable Remote Site Voicemail (SRSV)
		BlueCat Adonis DNS/DHCP and Proteus IPAM	Sagemcom Fax over IP
		LogLogic MX-Virtual Appliance	Tiani Spirit Medical Data Exchange Solution
		SecureLogix Voice Policy Firewall	Orion Health Rhapsody Connect
		Open Text RightFax Fax over IP	NetScout nGenius Integrated Agent
		Visual Network Systems OmniPoint Element	BlueCat Adonis DNS/DHCP and Proteus IPAM
		Uplogix Local Management Platform	LogLogic MX-Virtual Appliance
		IndustryWeapon CommandCenterHD	SecureLogix Voice Policy Firewall
			Open Text RightFax Fax over IP
			Visual Network Systems OmniPoint Element
			Uplogix Local Management Platform
			Industry Weapon CommandCenterHD

Modularity Features

Table 4 shows recommended modules for this router.

Models	Description
C3900-SPE200/K9	Cisco Services Performance Engine 200 for Cisco 3925E ISR (It's a configured item in the CISCO3925E/K9.)
SM-ES3G-16-P	Enhanced EtherSwitch Service Module, L2/L3 switching, 16* 10/100/1000 GE ports, Enhanced POE, Cisco EnergyWise technology
SM-ES3G-24-P	Enhanced EtherSwitch Service Module, L2/L3 switching, 24 * 10/100/1000 GE ports, Enhanced POE, Cisco EnergyWise technology
VVIC3-2MFT-G703	Cisco Voice/WAN Card VVIC3-2MFT-G703
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 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 5 shows the comparison of CISCO3925E/k9 and C3925E-VSEC-SRE/K9.

Model	CISCO3925E/k9	C3925E-VSEC-SRE/K9
Bundle	N/A	Cisco 3925E SRE Bundle, SRE 900, PVDM3-64, UC, SEC Lic. PAK
SPE	w/SPE 200	w/SPE 200
Interface	4GE	4GE
EHWIC slots	3	3

SM slots	2	2
ISM slots	0	0
DSP	3	3
SFP	2	2
Rack Unit	3U	3U

Get more information

Do you have any question about the C3925E-VSEC-SRE/K9?

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Specification

C3925E-VSEC-SRE/K9 Specifications	
Manufacturer	Cisco Systems, Inc
Manufacturer Part Number	C3925E-VSEC-SRE/K9
Bundle	Cisco 3925E SRE Bundle, SRE 900, PVDM3-64, UC, SEC Lic. PAK
Product Type	Router
Form Factor	Desktop - modular - 3U
Connectivity Technology	Wired
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Capacity	Cisco Unified Communications Manager Express sessions : 400 Cisco Unified SRST sessions : 1350
Network / Transport Protocol	IPSec, PPPoE, L2TPv3
Routing Protocol	OSPF, IS-IS, BGP, EIGRP, DVMRP, PIM-SM, IGMPv3, GRE, PIM-SSM, static IPv4 routing, static IPv6 routing, policy-based routing (PBR)
Remote Management Protocol	SNMP, RMON
Encryption Algorithm	SSL
Features	Firewall protection, hardware encryption, VPN support, MPLS support, Syslog support, content filtering, IPv6 support, Class-Based Weighted Fair Queuing (CBWFQ), Weighted Random Early Detection (WRED), Access Control List (ACL) support, Quality of Service (QoS), Dynamic Multipoint VPN (DMVPN)
Compliant Standards	IEEE 802.3, IEEE 802.1Q, IEEE 802.1ah, IEEE 802.1ag
DRAM Memory	1 GB (installed) / 2 GB (max)
Flash Memory	256 MB (installed) / 8 GB (max)
Hard Drive	1 TB
LED Status Lights Indicators	Link activity, power
Communications	
Type	Voice / fax module
Digital Ports Qty	64

Protocols & Specifications	ITU G.168
IP Telephony	
Voice Codecs	G.711, G.722, G.723.1, G.728, G.729, G.729a, G.729ab, G.726
Connectivity Slots	
Router Interfaces	WAN : 4 x 10Base-T/100Base-TX/1000Base-T - RJ-45 Management : 1 x console - RJ-45 Management : 1 x console - mini-USB Type B Serial : 1 x auxiliary - RJ-45 USB : 3 x 4 pin USB Type A 1 x 10Base-T/100Base-TX/1000Base-T - RJ-45 2 x SFP (mini-GBIC)
Expansion Slot(s)	3 (total) / 3 (free) x EHWIC 3 (total) / 2 (free) x PVDM 2 (total) / 1 (free) x CompactFlash Card 2 (total) / 1 (free) x service module (SM)
Power Supply	
Power Device	Power supply - internal
Voltage Required	AC 120/230 V (50/60 Hz)
Dimensions / Weight / Miscellaneous	
Approximate Width	18.7 in
Depth	17.2 in
Height	5.2 in
Compliant Standards	CISPR 22 Class A, CISPR 24, EN55024, EN55022 Class A, EN50082-1, AS/NZS 60950-1, AS/NZ 3548 Class A, CAN/CSA-E60065-00, ICES-003 Class A, FCC CFR47 Part 15, EN300-386, UL 60950-1, IEC 60950-1, EN 60950-1, CSA C22.2 No. 60065, BSMI CNS 13438, NEBS
System software	
Software Included	Cisco IOS Unified Communications, Cisco IOS Security

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