



Cisco ISR 900 Series

NEW

Create a Highly Secure, Enterprise-class Network
with A Router Fit for Small and Medium-sized Businesses



C921-4PLTEAS/C921-4PLTEAU NEW

150 Mbps
Max Crypto
ThroughputIOS
IP Basex86
2.2 GHz
CPU1 GB
DRAM2 GB
Flash1-port
GE-WAN150 Mbps
Internal
LTE Modem4-port GE
Managed
Switch1-port
USB 2.0
Type AExternal
Power
AdapterOptional
1 RU
Rack MountOptional
Under Desk
Mount

C931-4P

250 Mbps
Max Crypto
ThroughputIOS
IP Basex86
2.2 GHz
CPU1 GB
DRAM2 GB
Flash2-port
GE-WAN4-port GE
Managed
Switch1-port
USB 2.0
Type AInternal
Power
SupplyOptional
1 RU
Rack MountOptional
Under Desk
Mount

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NEW ISR 900

ISR 1100

ISR 4000

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Portfolio



Cisco ISR 1100 Series

Provides Internet Access, Comprehensive Security, and Wireless Services in A Single, High-Performance Device



C1101-4PLTEP

150 Mbps Max Crypto Throughput	IOS XE IP Base	Multicore CPU	4 GB DRAM	4 GB Flash
1-port GE-WAN	LTE Advanced Pluggable	4-port GE Managed Switch	1-port USB 2.0 Type A	

C1111X-8P-DNA-PM **NEW**

250 Mbps Max Crypto Throughput	SD-WAN IOS XE	Multicore CPU	8 GB DRAM	8 GB Flash	
1-port GE-WAN	1-port GE/SFP-WAN	8-Port GE Managed Switch	Optional PoE/PoE+	1-port USB 2.0 Type A	Optional 1 RU Rack Mount
Cisco DNA E or A or P Subscription	Application Aware Firewall	Snort IPS	URL Filtering	Umbrella Integration	Network Plug-n-Play License





Cisco RV160/260 Series

With Powerful Performance and Features at an Attractive Price
Keep Your Business and Your Employees Productive and Effective



RV160W-x-K9-xx

600 Mbps Firewall Throughput	50 Mbps IPsec VPN Throughput	10 IPsec VPN Tunnels	1-port GE/SFP-WAN	4-port GE-LAN	11ac Wave 2	11n	Dual Radio	1-port USB	External Power Adapter	Desktop
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RV260P-K9-xx

800+ Mbps Firewall Throughput	75+ Mbps IPsec VPN Throughput	20 IPsec VPN Tunnels	1-Year Web Filtering	1-port GE/SFP-WAN	4-port GE-LAN	4-port GE PoE LAN	1-port USB	External Power Adapter	Desktop	1 RU Rack Mount
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RV Series

- Custom Linux
- Basic Routing
- Basic Security
- Max 650 Mbps Crypto Throughput



ISR 800 Series

- Classic IOS
- Advanced Routing
- Advanced Security
- Max 100 Mbps Crypto Throughput



ISR 900 Series

- Classic IOS
- Advanced Routing
- Advanced Security
- Max 250 Mbps Crypto Throughput



ISR 1100 Series

- IOS XE
- SD-WAN
- SD-WAN Security
- Max 350 Mbps Crypto Throughput



ISR 4200 Series

- IOS XE
- SD-WAN
- SD-WAN Security
- Max 75 Mbps Crypto Throughput



ISR 4300 Series

- IOS XE
- SD-WAN
- SD-WAN Security
- Max 500 Mbps Crypto Throughput



ISR 4400 Series

- IOS XE
- SD-WAN
- SD-WAN Security
- Max 7 Gbps Crypto Throughput

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RV Security

Secure, Flexible Connectivity for Small Business

The Cisco RV Series are affordable, highly secure network access devices, designed and built for small businesses. Cisco offers a broad range of small business routers to meet any requirement from basic Internet connectivity to high-capacity, business-critical networking.

Highlights

- Dual Gigabit Ethernet WAN ports for load balancing and/or business continuity (select models)
- Dual USB ports for storage and 3G/4G modem failover (select models)
- Site-to-site and remote access VPN enable highly secure connectivity, making Cisco RV Series perfect for multiple offices and remote employees.
- Strong security by proven stateful packet inspection (SPI) firewall
- Built-in managed switch (all models)
- Built-in IEEE 802.11n/ac-compatible wireless access point (wireless models)
- Easy to set up and use with wizard-based configuration



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GE WAN	 RV134W	 RV130W	 RV160W	 RV260W	 RV340W		
				 RV260P		 RV345P	
		 RV130	 RV160	 RV260	 RV340	 RV345	
			 RV042G		 RV320	 RV325	
FE WAN	 RV132W	 RV215W					
			 RV042				

Performance, Function, Flexibility, Scalability

→ High

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Platform Spec

RV Security

Product SKU	Service (CSE) SKU	WAN Ports					LAN Ports		PoE			IPsec Throughput	IPsec VPN Tunnels		Web Filtering	WLAN				AC Power
		FE	GE	GE/SFP	xDSL	LTE	FE	GE	Ports	Power Budget	IEEE 802.3		Site-to-Site	Remote Access		11n	11ac	2.4 GHz	5 GHz	
RV042-xx	CON-SMBS-V02xxxxx	2	-	-	-	-	4	-	-	-	-	59 Mbps	50	50	-	-	-	-	-	External
RV042G-K9-xx	CON-SMBS-RV02G9xx	-	2	-	-	-	-	4	-	-	-	75 Mbps	50	50	-	-	-	-	-	External
RV130-K9-xx	CON-SMBS-xxxxxxx	-	1	-	-	1**	-	4	-	-	-	50 Mbps	10	10	-	-	-	-	-	External
RV130-WB-K9-xx	CON-SMBS-xxxxxxx	-	1	-	-	1**	-	4	-	-	-	50 Mbps	10	10	●	-	-	-	-	External
RV130W-x-K9-xx	CON-SMBS-V10W9xxx	-	1	-	-	1**	-	4	-	-	-	50 Mbps	10	10	-	●	-	●	-	External
RV130W-x-WB-K9-xx	-	-	1	-	-	1**	-	4	-	-	-	50 Mbps	10	10	●	●	-	●	-	External
RV132W-x-K9-xx	CON-SMBS-RV13K9xx	1	-	-	1	1**	3	-	-	-	-	3 Mbps	5	5	-	●	-	●	-	External
RV134W-x-K9-xx	CON-SMBS-RV134Wxx	-	1	-	1	1**	-	4	-	-	-	20 Mbps	5	5	-	●	●	●	●	External
RV160-K9-xx	CON-SMBS-RV16xxxx	-	-	1	-	-	-	4	-	-	-	50 Mbps	10	10	-	-	-	-	-	External
RV160W-x-K9-xx	CON-SMBS-RV16xxxx	-	-	1	-	-	-	4	-	-	-	50 Mbps	10	10	-	●	●	●	●	External
RV215W-x-K9-xx	CON-SMBS-RV25W9xx	1	-	-	-	1**	4	-	-	-	-	5 Mbps	1	5	-	●	-	●	-	External
RV260-K9-xx	CON-SMBS-RV260xxx	-	-	1	-	1**	-	8	-	-	-	75 Mbps	20	20	●*2	-	-	-	-	External
RV260P-K9-xx	CON-SMBS-RV260xxx	-	-	1	-	1**	-	8	4	60 W	af	75 Mbps	20	20	●*2	-	-	-	-	External
RV260W-x-K9-xx	CON-SMBS-RVxxxxxx	-	-	1	-	1**	-	8	-	-	-	75 Mbps	20	20	●*2	●	●	●	●	External
RV320-K9-xx	CON-SMBS-RV3xxxxx	-	2	-	-	1**	-	4	-	-	-	100 Mbps	25	25	-	-	-	-	-	External
RV325-K9-xx	CON-SMBS-RV35K9xx	-	2	-	-	1**	-	14	-	-	-	100 Mbps	25	25	-	-	-	-	-	External
RV340-K9-xx	CON-SMBS-RV340Kxx	-	2	-	-	1**	-	4	-	-	-	650 Mbps	50	50	●*3	-	-	-	-	External
RV340W-x-K9-xx	-	-	2	-	-	1**	-	4	-	-	-	650 Mbps	50	50	●*3	●	●	●	●	External
RV345-K9-xx	CON-SMBS-V345K9xx	-	2	-	-	1**	-	16	-	-	-	650 Mbps	50	50	●*3	-	-	-	-	External
RV345P-K9-xx	CON-SMBS-RV345Pxx	-	2	-	-	1**	-	16	8	120 W	af/at	650 Mbps	50	50	●*3	-	-	-	-	External

*1 3G/4G modem is required. *2 Available for one year. *3 RV Security License (LS-RV34X-SEC-1YR=) is required.

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With an optional Cisco RV Security License, the Cisco RV340 Series will provide the following advanced security features.

- Application Visibility and Control (AVC)
Allows administrators to create Internet access policies for endpoints (clients) and Internet applications to help ensure performance and security
- Client Identification and Control
Allows administrators to create Internet access policies for endpoints (clients) and Internet applications to help ensure performance and security
- Dynamic Web Filtering
Enables business efficiency and security while connecting to the Internet
- Antivirus NEW
Protects the network users from infected and malware content received in emails or data
- Intrusion Prevention System (IPS) NEW
Scans traffic to look for known attack patterns to block

Cisco RV Security License for Cisco RV340 Series

Product SKU	Description
LS-RV34X-SEC-1YR=	RV Security License - 1 year



Cisco AnyConnect Secure Mobility Client-Compatible SSL VPN

Cisco RV340 Series support SSL VPN connections from a mobile device using the **Cisco AnyConnect Secure Mobility Client**.

Starting with the free firmware version 1.0.3.x no extra server license will be required and 50 tunnels on the server (Cisco RV340 Series) are enabled by default. With firmware release 1.0.02.x and earlier to use more than 2 tunnels at the same time you could increase the number of tunnels using a software license. Customers who have an active subscription of 25 tunnels will see no service interruption and will have 50 tunnels available by default after the firmware upgrade to firmware 1.0.03.x and higher.



Cisco Umbrella integration

The Cisco Umbrella is a cloud security platform that provides the first line of defense against threats on the internet. It acts as a gateway between the internet and your systems and data to block malware, botnets and phishing over any port, protocol or app.

Cisco RV340 Series support the Cisco Umbrella integration in the embedded device management tool. Using an Cisco Umbrella account, the integration will transparently intercept DNS queries and redirect them to Cisco Umbrella. Cisco RV340 Series will appear in the Cisco Umbrella dashboard as a network device for applying policy and viewing reports.

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Small but Mighty Business-class Routers

Do you have limited space, but need best-in-class routing, voice and video, security, application performance, cloud connection, and wireless capabilities? The **Cisco ISR 800 Series** routers offer all that in a single device. They are well suited for customer premises and priced for small and midsize businesses.

Highlights

- Cisco IOS Universal Image (IP Base/Advanced Security/Advanced IP Services)
- Dual WAN ports for load balancing and/or business continuity (select models)
- 4G LTE wireless WAN (select models)
- Built-in managed switch (all models)
- Built-in IEEE 802.11n-compatible wireless access point (wireless models)
- Easy to set up and use with wizard-based configuration (Cisco Configuration Professional Express)



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Product SKU	Service (CSE) SKU	Cisco IOS	WAN Ports						LAN Ports		WLAN		AppX	Security		Rack mount
			FE	GE	GE/SFP	ISDN	xDSL	LTE	FE	GE	11n	11ac		FW	VPN	
C819H-K9	CON-SMBS-C819HK9	Advanced IP Services	-	1	-	-	-	-	4	-	-	-	●	●	●	_*3
C819G-LTE-LA-K9	CON-SMBS-C819TEK9	Advanced IP Services	-	1	-	-	-	1	4	-	-	-	●	●	●	_*4
C819GW-LTE-LA-xK9*1	CON-SMBS-C8QT9GWL	Advanced IP Services	-	1	-	-	-	1	4	-	●	-	●	●	●	_*4
C841M-4X/K9	CON-SMBS-C841M4XK	Advanced IP Services	-	2	-	-	-	-	-	4	-	-	-	●	●	_*5
C841M-8X/K9	CON-SMBS-C841M8XK	Advanced IP Services	-	2	-	-	-	-	-	4	-	-	-	●	●	_*5
C867VAE	CON-SMBS-C867VAE	IP Base	-	1	-	-	1	-	3	2	-	-	-	-	-	-
C867VAE-K9	CON-SMBS-C867VAK9	Advanced Security	-	1	-	-	1	-	3	2	-	-	-	●	●	-
C881W-x-K9	CON-SMBS-C881WxK9	Advanced Security	1	-	-	-	-	-	4	-	●	-	-	●	●	-
C891F-K9	CON-SMBS-C891F8BB	Advanced IP Services	1	-	1	1	-	-	-	8	-	-	●*2	●	●	_*6
C891-24X/K9	CON-SMBS-C89124K9	Advanced IP Services	-	-	2	-	-	-	-	24	-	-	-	●	●	_*7
C892FSP-K9	CON-SMBS-C892FSPK	Advanced IP Services	-	1	1	-	-	-	-	8	-	-	●*2	●	●	_*6
C897VA-K9	CON-SMBS-C897VAK9	Advanced IP Services	-	-	1	1	1	-	-	8	-	-	●*2	●	●	_*6
C897VAG-LTE-LA-K9	CON-SMBS-CLTEAGK9	Advanced IP Services	-	-	1	-	1	1	-	8	-	-	●*2	●	●	_*6
C898EAG-LTE-LA-K9	CON-SMBS-C898EAGA	Advanced IP Services	-	-	1	-	1	1	-	8	-	-	●*2	●	●	_*6
C899G-LTE-LA-K9	CON-SMBS-C89LKEGL	Advanced IP Services	-	1	1	-	-	1	-	8	-	-	●*2	●	●	_*6

*1 The "x" corresponds to the supported domain. *2 Feature License is required.

*3 Optional Floor/Wall Mounting Kit (ACS-810-FWM) and Flat Floor/Wall Mounting Kit (ACS-810-RFWM) are available.

*4 Optional Floor/Wall Mounting Kit (ACS-810-FWM), Flat Floor/Wall Mounting Kit (ACS-810-RFWM), and Din Rail Mounting Kit (ACS-810-DM) are available.

*5 ACS-800M-RM-19 is required. *6 ACS-890-RM-19 is required. *7 ACS-2901-RM-19 is required.

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Cisco IOS Advanced IP Services Licenses

Product SKU	Description
SL-880-AIS	Cisco IOS Advanced IP Services License for Cisco 881W
L-880-AIS=	Cisco IOS Advanced IP Services License for Cisco 881W (eDelivery)

Cisco IOS Feature Licenses

Product SKU	Description
L-FL-C800-APP=	Cisco IOS APP License for Cisco ISR 891F/892FSP/897VA/899G

Cisco WAN Interface Modules for Cisco ISR 841M

Product SKU	Description
WIM-1T	Serial WAN Module (1-port)
WIM-LTE-AS	4G LTE (Category 4) WAN Module (Single SIM, Bands Supported: B1, B3, B5, B8, B40, B41)

PoE-capable Power Supply Module

Product SKU	Description
800-IL-PM-4	4-port PoE-capable Power Supply Module for Cisco ISR 891F/897VA/897VAG/898EAG/899G

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Enterprise-class Routing for Small and Home Offices

The **Cisco ISR 900 Series** combines WAN and comprehensive security in a compact, fanless platform. The routers are designed to provide enterprise-class security and connectivity for small to medium-sized businesses.

The ISRs come with a 4-port managed switch, providing LAN ports to connect multiple devices and up to **250 Mbps** of VPN throughput for high performance. These small yet powerful fixed configuration routers provide secure broadband, Metro Ethernet, DSL, and wireless LTE WAN connectivity. The ISRs deliver integrated security and threat defense, protecting networks from both known and new Internet vulnerabilities and attacks. The ISRs offer easy management and provisioning capabilities through Cisco Configuration Professional Express, Cisco DNA Center, and Cisco IOS Software, with full visibility into and control of network configurations and applications.

Highlights

- Cisco IOS Universal Image (IP Base/SEC/APP)
- High-performance Intel x86 2.2 GHz CPU
- Dual WAN ports for load balancing and/or business continuity
- 4G LTE (Category 4) wireless WAN NEW
- Built-in managed switch (all models)
- Noiseless, flexible deployment in a fanless design
- Easy to set up and use with wizard-based configuration (Cisco Configuration Professional Express)



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Cisco ISR 900 Series

Product SKU	Service (CSE) SKU	Cisco IOS	Crypto Throughput*1	WAN Ports				LAN Ports	WLAN		AppX	Security		DRAM	Power Supply	Rack Mount
				GE	SFP	xDSL	4G LTE	GE	11n	11ac		FW	VPN			
C921-4P	-	IP Base*2	150 Mbps	2	-	-	-	4	-	-	-*6	-*7	-*7	1 GB	Internal	-*8
C921-4PLTEAS NEW	-	IP Base*2	150 Mbps	2	-	-	1	4	-	-	-*6	-*7	-*7	1 GB	Internal	-*8
C921-4PLTEAU NEW	-	IP Base*2	150 Mbps	2	-	-	1	4	-	-	-*6	-*7	-*7	1 GB	Internal	-*8
C926-4P	-	IP Base*2	150 Mbps	1	-	1*3	-	4	-	-	-*6	-*7	-*7	1 GB	External	-*9
C927-4P	-	IP Base*2	150 Mbps	1	-	1*4	-	4	-	-	-*6	-*7	-*7	1 GB	External	-*9
C927-4PLTEAU NEW	-	IP Base*2	150 Mbps	1	-	1*4	1	4	-	-	-*6	-*7	-*7	1 GB	External	-*9
C927-4PM	-	IP Base*2	150 Mbps	1	-	1*5	-	4	-	-	-*6	-*7	-*7	1 GB	External	-*9
C931-4P	-	IP Base*2	250 Mbps	2	-	-	-	4	-	-	-*6	-*7	-*7	1 GB	Internal	-*8

*1 Cisco IOS SEC License are required. *2 Cisco IOS SEC License and Cisco IOS APP License can be added.

*3 VDSL/ADSL2+ (Annex B/J). *4 VDSL/ADSL2+ (Annex A). *5 VDSL/ADSL2+ (Annex M).

*6 Cisco IOS APP License is required. *7 Cisco IOS SEC License is required.

*8 ACS-900-RM-19 is required. Optional Under-the-Desk Mounting Kit (ACS-900-DM) is available.

*9 Optional Under-the-Desk Mounting Kit (ACS-900-DM) is available.



C921-4P, C931-4P



C926-4P, C927-4P, C927-4PM

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Cisco IOS Technology Package Licenses

Product SKU	Description
SL-900-SEC	Cisco IOS SEC License for Cisco ISR 900
SL-900-APP	Cisco IOS APP License for Cisco ISR 900



Cisco IOS Software Licensing and Packaging

A single Cisco IOS universal image encompassing all functions is delivered with Cisco ISR 900 Series. Advanced features can be enabled simply by activating a software license on the Universal image. The following licenses are available:

APP

SEC

IP Base

- IP Base

Available as the default: Routing protocols, Access Control Lists (ACL), Network Address Translation (NAT), Quality of Service (QoS), Bidirectional Forwarding Detection (BFD), Virtual Routing and Forwarding (VRF) Lite, IP SLA Responder

- Security (SEC)

Includes features for securing network infrastructure: Zone-based firewall, IPsec VPN, Dynamic Multipoint VPN (DMVPN), FlexVPN, Group Encrypted Transport (GET) VPN, Secure Sockets Layer (SSL) VPN

- Application Experience (APP)

Includes data and application performance features: Layer 2 Tunneling Protocol (L2TP) v3, Multiprotocol Label Switching (MPLS), Performance Routing (PfR) v3, Next-Generation Network-Based Application Recognition (NBAR2), Application Visibility and Control (AVC), IP SLA Initiator, LISP, Virtual Private LAN Services (VPLS), Ethernet over MPLS

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EoS Model	Existing Model	New Model	Description
CISCO881-K9 CISCO881-SEC-K9 CISCO881C-K9 CISCO881GC-K9	C881-K9	C921-4P	2 x GE-WAN, 4 x GE-LAN managed switch, 1 GB DRAM and 2 GB Flash, Internal power supply, Cisco IOS IP Base, Max 150 Mbps crypto throughput (Cisco IOS SEC License is required)
		C931-4P	2 x GE-WAN, 4 x GE-LAN managed switch, 1 GB DRAM and 2 GB Flash, Internal power supply, Cisco IOS IP Base, Max 250 Mbps crypto throughput (Cisco IOS SEC License is required)
CISCO886-K9 CISCO886-SEC-K9 CISCO886VA-K9 CISCO886VA-SEC-K9	C886VA-K9 C886VAJ-K9	C926-4P	1 x GE-WAN, 1 x VDSL/ADSL2+ (Annex B/J), 4 x GE-LAN managed switch, 1 GB DRAM and 2 GB Flash, External power supply, Cisco IOS IP Base, Max 150 Mbps crypto throughput (Cisco IOS SEC License is required)
CISCO887-K9 CISCO887-SEC-K9 CISCO887V-K9 CISCO887V-SEC-K9 CISCO887VA-K9 CISCO887VA-SEC-K9	C887VA-K9	C927-4P	1 x GE-WAN, 1 x VDSL/ADSL2+ (Annex A), 4 x GE-LAN managed switch, 1 GB DRAM and 2 GB Flash, External power supply, Cisco IOS IP Base, Max 150 Mbps crypto throughput (Cisco IOS SEC License is required)
CISCO887M-K9 CISCO887VA-M-K9	C887VAM-K9	C927-4PM	1 x GE-WAN, 1 x VDSL/ADSL2+ (Annex M), 4 x GE-LAN managed switch, 1 GB DRAM and 2 GB Flash, External power supply, Cisco IOS IP Base, Max 150 Mbps crypto throughput (Cisco IOS SEC License is required)
C881G+7-K9 C881G-4G-GA-K9	-	C921-4PLTEAS C921-4PLTEAU	2 x GE-WAN, 4G LTE (Category 4) wireless WAN, 4 x GE-LAN managed switch, 1 GB DRAM and 2 GB Flash, Internal power supply, Cisco IOS IP Base, Max 150 Mbps crypto throughput (Cisco IOS SEC License is required)
C887VAG+7-K9 C887VAG-4G-GA-K9	-	C927-4PLTEAU	1 x GE-WAN, 1 x VDSL/ADSL2+ (Annex A), 4G LTE (Category 4) wireless WAN, 4 x GE-LAN managed switch, 1 GB DRAM and 2 GB Flash, External power supply, Cisco IOS IP Base, Max 150 Mbps crypto throughput (Cisco IOS SEC License is required)

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Bundles for SD-WAN

■ Fixed, High-Performance Routers

The Cisco ISR 1100 Series routers are best suited for small and midsize businesses, enterprise branches, and as customer premises equipment in managed services environments. The routers come with 4 or 8 LAN ports in various model options. There are multiple combinations to choose from, including LAN, WLAN, WAN, DSL, LTE, and pluggable, depending on your branch needs. They can be used in ATMs, retail stores, and kiosks, as well as for various other purposes.

■ Highlights

- Cisco IOS XE Universal Image (IP Base/SEC/APP)
- High-performance multicore processors for high-speed WAN connections and multiple services
- Dual WAN ports for load balancing and/or business continuity
- 4G LTE (Category 6) wireless WAN (select models)
- Built-in managed switch (all models)
- Optional integrated power supply for distribution of PoE/PoE+
- Built-in IEEE 802.11ac Wave 2-compatible wireless access point (wireless models)
- Cisco Mobility Express for flexible deployment



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Product SKU	Service (CSE) SKU	Cisco IOS	Crypto Throughput		WAN Ports				LAN Ports	WLAN	AppX	Security		DRAM	Rack Mount
			Default	Upgradable*1	GE	GE/SFP	xDSL	LTE	GE	11ac		FW	VPN		
C1101-4P	-	IP Base*3	50 Mbps	250 Mbps	1	-	-	-	4	-	-*9	-*10	-*10	4 GB	-
C1101-4PLTEP	-	IP Base*3	50 Mbps	250 Mbps	1	-	-	-*7	4	-	-*9	-*10	-*10	4 GB	-
C1101-4PLTEPWx*2	-	IP Base*3	50 Mbps	250 Mbps	1	-	-	-*7	4	●	-*9	-*10	-*10	4 GB	-
C1109-4PLTE2P <small>NEW</small>	-	IP Base*3	50 Mbps	200 Mbps	1	-	-	-*8	4	-	-*9	-*10	-*10	4 GB	-
C1109-4PLTE2PWx*2 <small>NEW</small>	-	IP Base*3	50 Mbps	200 Mbps	1	-	-	-*8	4	●	-*9	-*10	-*10	4 GB	-
C1111-4P	CON-SMBS-C11114P	IP Base*3	50 Mbps	250 Mbps	1	1	-	-	4	-	-*9	-*10	-*10	4 GB	-*11
C1111-8P	CON-SMBS-C11118P	IP Base*3	50 Mbps	350 Mbps	1	1	-	-	8	-	-*9	-*10	-*10	4 GB	-*11
C1111X-8P	CON-SMBS-C11118P	IP Base*3	50 Mbps	350 Mbps	1	1	-	-	8	-	-*9	-*10	-*10	8 GB	-*11
C1111-4PWx*2	CON-SMBS-C111xW4P*2	IP Base*3	50 Mbps	250 Mbps	1	1	-	-	4	●	-*9	-*10	-*10	4 GB	-*11
C1111-8PWx*2	CON-SMBS-C111xW8P*2	IP Base*3	50 Mbps	350 Mbps	1	1	-	-	8	●	-*9	-*10	-*10	4 GB	-*11
C1111-4PLTELA	CON-SMBS-C11114PAL	IP Base*3	50 Mbps	250 Mbps	1	1	-	●	4	-	-*9	-*10	-*10	4 GB	-*11
C1111-4PLTEEA <small>NEW</small>	CON-SMBS-C11114PA	IP Base*3	50 Mbps	250 Mbps	1	1	-	●	4	-	-*9	-*10	-*10	4 GB	-*11
C1111-8PLTELA	CON-SMBS-C11118PAL	IP Base*3	50 Mbps	350 Mbps	1	1	-	●	8	-	-*9	-*10	-*10	4 GB	-*11
C1111-8PLTELAwx*2	CON-SMBS-C11118PW	IP Base*3	50 Mbps	350 Mbps	1	1	-	●	8	●	-*9	-*10	-*10	4 GB	-*11
C1113-8P <small>NEW</small>	-	IP Base*3	50 Mbps	250 Mbps	-	1	1*4	-	4	-	-*9	-*10	-*10	4 GB	-*11
C1117-4P	CON-SMBS-C11174P1	IP Base*3	50 Mbps	250 Mbps	-	1	1*5	-	4	-	-*9	-*10	-*10	4 GB	-*11
C1117-4PWx*2	CON-SMBS-C111xxxx	IP Base*3	50 Mbps	250 Mbps	-	1	1*6	-	4	●	-*9	-*10	-*10	4 GB	-*11
C1117-4PLTELA	CON-SMBS-C11114PLE	IP Base*3	50 Mbps	250 Mbps	-	1	1*6	●	4	-	-*9	-*10	-*10	4 GB	-*11
C1117-4PLTELAwx*2	CON-SMBS-C111Wx4P	IP Base*3	50 Mbps	250 Mbps	-	1	1*6	●	4	●	-*9	-*10	-*10	4 GB	-*11

*1 Cisco IOS IPsec Performance License and Cisco IOS HSEC License are required. *2 The "x" corresponds to the supported domain.

*3 Cisco IOS SEC License, Cisco IOS APP License, Cisco IOS IPsec Performance License, and Cisco IOS HSEC License can be added.

*4 1 G.FAST (Annex A). *5 VA-DSL (Annex A). *6 ADSL2/VDL2+ (Annex A).

*7 Cisco LTE Advanced Pluggable is required. *8 Cisco LTE Advanced Pluggable is required. Dual Pluggables are supported.

*9 Cisco IOS APP License is required. *10 Cisco IOS SEC License is required. *11 ACS-1100-RM-19 is required.

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Cisco IOS Technology Package Licenses

Product SKU	Description
SL-1100-4P-SEC	Cisco IOS SEC License for Cisco ISR 1100 (4-port Model)
SL-1100-8P-SEC	Cisco IOS SEC License for Cisco ISR 1100 (8-port Model)
SL-1100-4P-APP	Cisco IOS APP License for Cisco ISR 1100 (4-port Model)
SL-1100-8P-APP	Cisco IOS APP License for Cisco ISR 1100 (8-port Model)

Cisco IOS Feature Licenses

Product SKU	Description
FL-VPERF-4P-100	Cisco IOS VPERF License for Cisco ISR 1100 (4-port Model)
FL-VPERF-8P-200	Cisco IOS VPERF License for Cisco ISR 1100 (8-port Model)
FL-1100-4P-HSEC	Cisco IOS HSEC License for Cisco ISR 1100 (4-port Model)
FL-1100-8P-HSEC	Cisco IOS HSEC License for Cisco ISR 1100 (8-port Model)

Cisco LTE Advanced Pluggable for Cisco ISR 1101/1109 LTE Models

Product SKU	Description
P-LTEA-LA	4G LTE (Category 6) Pluggable

Cisco Serial WAN Pluggable for for Cisco ISR 1101/1109 LTE Models

Product SKU	Description
P-1T <small>NEW</small>	Cisco 12:1 High Speed serial WAN Pluggable (1-port)

PoE-capable Power Supply Module for Cisco ISR 111x

Product SKU	Description
ISR-1100-POE2	2-port PoE-capable (2 PoE or 1 PoE+) 115 W Power Supply Module for Cisco 111x (4-port Model)
ISR-1100-POE4	4-port PoE-capable (4 PoE or 2 PoE+) 150 W Power Supply Module for Cisco 111x (8-port Model)



Cisco IOS Software Licensing and Packaging

A single Cisco IOS XE universal image encompassing all functions is delivered with the platform. Advanced features can be enabled simply by activating a software license on the Universal image. The following licenses are available:

- IP Base: Available as the default.
- Security (SEC): Includes features for securing network infrastructure.
- Application Experience (APP): Includes data and application performance features.
- Performance (VPERF): Provides additional IPsec performance 100 Mbps for ISR 1100-4P and 200 Mbps for ISR 1100-8P.
- High Performance Security (HSEC): Provides High IPsec maximum performance security.

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Cisco ISR 1100 Series Cisco DNA Bundles NEW

Product SKU	Description	SD-WAN Security			
		App Aware FW	IPS	URL Filtering	Umbrella Integration
C1111-4P-DNA	Cisco 1111-4P with Cisco DNA Support	●	-	-	●
C1111-8P-DNA	Cisco 1111-8P with Cisco DNA Support	●	-	-	●
C1111X-8P-DNA-PM	Cisco 1111X-8P with Cisco DNA Support	●	●	●	●
C1111-4PLTELA-DNA	Cisco 1111-4PLTELA with Cisco DNA Support	●	-	-	●
C1111-8PLTELA-DNA	Cisco 8PLTELA with Cisco DNA Support	●	-	-	●

Cisco DNA Licenses for Cisco ISR 1100 Series NEW

- Cloud Management: Provides simplicity of management with Cisco vManage; recommended for all SD-WAN deployments.
- On-Premises Management: Manages WAN using Cisco DNA Center or Cisco vManage on-premises.
Cisco DNA Center requires an additional appliance purchase.

Software Package	Bandwidth	Product SKU (Cloud Management)		Product SKU (On-Premises Management)	
		3-Years	5-Years	3-Years	5-Years
Cisco DNA Essentials	10 Mbps	DNA-C-10M-E-3Y	DNA-C-10M-E-5Y	DNA-P-10M-E-3Y	DNA-P-10M-E-5Y
	20 Mbps	DNA-C-20M-E-3Y	DNA-C-20M-E-5Y	DNA-P-20M-E-3Y	DNA-P-20M-E-5Y
	50 Mbps	DNA-C-50M-E-3Y	DNA-C-50M-E-5Y	DNA-P-50M-E-3Y	DNA-P-50M-E-5Y
	100 Mbps	DNA-C-100M-E-3Y	DNA-C-100M-E-5Y	DNA-P-100M-E-3Y	DNA-P-100M-E-5Y
Cisco DNA Advantage	10 Mbps	DNA-C-10M-A-3Y	DNA-C-10M-A-5Y	DNA-P-10M-A-3Y	DNA-P-10M-A-5Y
	20 Mbps	DNA-C-20M-A-3Y	DNA-C-20M-A-5Y	DNA-P-20M-A-3Y	DNA-P-20M-A-5Y
	50 Mbps	DNA-C-50M-A-3Y	DNA-C-50M-A-5Y	DNA-P-50M-A-3Y	DNA-P-50M-A-5Y
	100 Mbps	DNA-C-100M-A-3Y	DNA-C-100M-A-5Y	DNA-P-100M-A-3Y	DNA-P-100M-A-5Y

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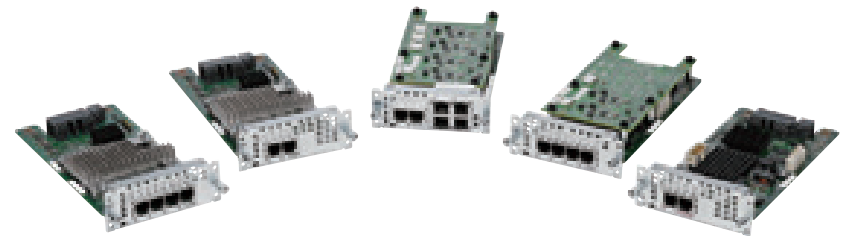
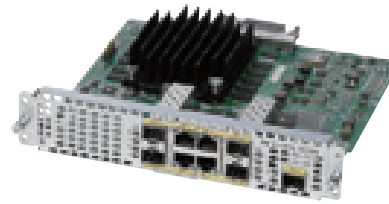
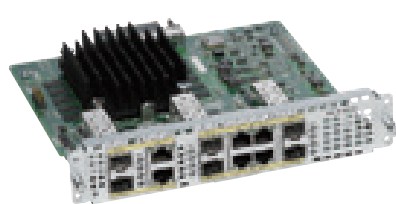
Meet All Your Needs with One Device

The Cisco ISR 4000 Series routers consolidate many must-have IT functions, including network, security, compute, storage, and unified communications. So you get everything you need in a single platform.

The platform is modular and upgradable, so you can add new services without changing equipment. It supports multiple application-aware services concurrently while maintaining WAN performance of up to 4 Gbps, even during heavy traffic loads. The backplane architecture supports high-bandwidth, module-to-module communication at speeds up to 10 Gbps.

Highlights

- Cisco IOS Universal Image (IP Base/SEC/UC/APP)
- High-performance multicore processors for high-speed WAN connections and multiple services
- Separates control- and data-plane operations (Cisco 4431/4451: the default control-plane memory is 4 GB, upgradable to 16 GB, and the default data-plane memory is 2 GB)
- Cisco Enhanced Services Module (SM-X) and Cisco Network Interface Module (NIM) integrate networking, services, computing, and storage into a single form factor



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Product SKU	Service (CSE) SKU	Cisco IOS	Throughput		Ports			Expansion Slots			Default Power Supply	Power Redundancy	Rack Mount
			Default	Max*1	GE	SFP	GE/SFP	NIM	SM-X	PVDM			
ISR4221/K9	CON-SMBS-ISR4221K	IP Base*2	35 Mbps	1.2 Gbps	1	-	1	2	-	-	External AC	-	1 RU
ISR4321/K9	CON-SMBS-ISR4321K	IP Base*2	50 Mbps	2 Gbps ~	1	-	1	2	-	1	External AC	-	1 RU
ISR4331/K9	-	IP Base*2	100 Mbps	2 Gbps ~	1	1	1	2	1	1	Internal AC	-	1 RU
ISR4351/K9	-	IP Base*2	200 Mbps	2 Gbps ~	-	-	3	3	2	1	Internal AC	-	2 RU
ISR4431/K9	-	IP Base*2	500 Mbps	4 Gbps ~	-	-	4	3	-	1	Internal AC	●	1 RU
ISR4451-X/K9	-	IP Base*2	1 Gbps	4 Gbps ~	-	-	4	3	2	1	Internal AC	●	2 RU

*1 Cisco IOS Booster Performance License is required.

*2 Cisco IOS SEC License, Cisco IOS UC License, and Cisco IOS APP License can be added.



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Cisco IOS Technology Package Licenses

Product SKU	Description	Compatible Models					
		4221	4321	4331	4351	4431	4451
SL-4220-SEC-K9	Cisco IOS SEC License for Cisco ISR 4221	●	-	-	-	-	-
SL-4320-SEC-K9	Cisco IOS SEC License for Cisco ISR 4321	-	●	-	-	-	-
SL-4330-SEC-K9	Cisco IOS SEC License for Cisco ISR 4331	-	-	●	-	-	-
SL-4350-SEC-K9	Cisco IOS SEC License for Cisco ISR 4351	-	-	-	●	-	-
SL-44-SEC-K9	Cisco IOS SEC License for Cisco ISR 4400 Series	-	-	-	-	●	●
SL-4320-UC-K9	Cisco IOS UC License for Cisco ISR 4321	-	●	-	-	-	-
SL-4330-UC-K9	Cisco IOS UC License for Cisco ISR 4331	-	-	●	-	-	-
SL-4350-UC-K9	Cisco IOS UC License for Cisco ISR 4351	-	-	-	●	-	-
SL-44-UC-K9	Cisco IOS UC License for Cisco ISR 4400 Series	-	-	-	-	●	●
SL-4220-APP-K9	Cisco IOS APP License for Cisco ISR 4221	●	●	-	-	-	-
L-SL-4320-APP-K9	Cisco IOS APP License for Cisco ISR 4321	-	●	-	-	-	-
L-SL-4330-APP-K9	Cisco IOS APP License for Cisco ISR 4331	-	-	●	-	-	-
L-SL-4350-APP-K9	Cisco IOS APP License for Cisco ISR 4351	-	-	-	●	-	-
L-SL-44-APP-K9	Cisco IOS APP License for Cisco ISR 4400 Series	-	-	-	-	●	●

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Cisco IOS Feature Licenses

Product SKU	Description	Compatible Models					
		4221	4321	4331	4351	4431	4451
FL-4320-HSEC-K9	Cisco IOS HSEC License for Cisco ISR 4321*1	-	●	-	-	-	-
FL-4330-HSEC-K9	Cisco IOS HSEC License for Cisco ISR 4331*1	-	-	●	-	-	-
FL-4350-HSEC-K9	Cisco IOS HSEC License for Cisco ISR 4351*1	-	-	-	●	-	-
FL-44-HSEC-K9	Cisco IOS HSEC License for Cisco ISR 4400 Series*1	-	-	-	-	●	●
SW-CCME-UL-ESS	Cisco Unified CME Phone License - Essential	-	●	●	●	●	●
SW-CCME-UL-BASIC	Cisco Unified CME Phone License - Basic	-	●	●	●	●	●
SW-CCME-UL-ENH	Cisco Unified CME Phone License - Enhanced	-	●	●	●	●	●
L-FL-CME-SRST-5	Cisco Unified CME or SRST 5 License*2	-	●	●	●	●	●
L-FL-CME-SRST-25	Cisco Unified CME or SRST 25 License*2	-	●	●	●	●	●
L-FL-CME-SRST-100	Cisco Unified CME or SRST 100 License*2	-	-	●	●	●	●
FL-CUBEE-5-RED	Cisco Unified BEe 5 Redundant Configuration License*2	-	●	●	●	●	●
FL-CUBEE-25-RED	Cisco Unified BEe 25 Redundant Configuration License*2	-	●	●	●	●	●
FL-CUBEE-100-RED	Cisco Unified BEe 100 Redundant Configuration License*2	-	●	●	●	●	●
SL-200-AKC	Cisco IWAN with Akamai Connect 200 Connections License*3	●	●	●	-	-	-
SL-750-AKC	Cisco IWAN with Akamai Connect 200 Connections License*3	-	-	●	●	●	-
SL-1300-AKC	Cisco IWAN with Akamai Connect 1,300 Connections License*3	-	-	●	●	●	●
SL-2500-AKC	Cisco IWAN with Akamai Connect 2,500 Connections License*3	-	-	●	●	-	●
SL-6K-AKC	Cisco IWAN with Akamai Connect 6,000 Connections License*3	-	-	●	●	-	●
FL-4220-PERF-K9	Cisco IOS Performance-on-Demand License for Cisco ISR 4221	●	-	-	-	-	-
FL-4320-PERF-K9	Cisco IOS Performance-on-Demand License for Cisco ISR 4321	-	●	-	-	-	-
FL-4330-PERF-K9	Cisco IOS Performance-on-Demand License for Cisco ISR 4331	-	-	●	-	-	-
FL-4350-PERF-K9	Cisco IOS Performance-on-Demand License for Cisco ISR 4351	-	-	-	●	-	-
FL-44-PERF-K9	Cisco IOS Performance-on-Demand License for Cisco ISR 4400 Series	-	-	-	-	●	●
FL-4220-BOOST-K9	Cisco IOS Booster Performance License for Cisco ISR 4221	●	-	-	-	-	-
FL-4320-BOOST-K9	Cisco IOS Booster Performance License for Cisco ISR 4321	-	●	-	-	-	-
FL-4330-BOOST-K9	Cisco IOS Booster Performance License for Cisco ISR 4331	-	-	●	-	-	-
FL-4350-BOOST-K9	Cisco IOS Booster Performance License for Cisco ISR 4351	-	-	-	●	-	-
FL-4430-BOOST-K9	Cisco IOS Booster Performance License for Cisco ISR 4431	-	-	-	-	●	-
FL-44-BOOST-K9	Cisco IOS Booster Performance License for Cisco ISR 4451	-	-	-	-	-	●

*1 Cisco IOS SEC License is required. *2 Cisco IOS UC License is required. *3 Cisco IOS APP License is required.

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Cisco Layer 2/3 EtherSwitch Modules

Product SKU	Description	Slot	Compatible Models					
			4221	4321	4331	4351	4431	4451
NIM-ES2-4	EtherSwitch Module (L2, 4-port GE)	NIM	●	●	●	●	●	●
NIM-ES2-8	EtherSwitch Module (L2, 8-port GE)	NIM	●	●	●	●	●	●
NIM-ES2-8-P	EtherSwitch Module (L2, 8-port GE/PoE+)	NIM	-	●	●	●	●	●
SM-X-ES3-16-P	EtherSwitch Service Module (L2/L3, 16-port GE/PoE+)	SM-X	-	-	●	●	-	●
SM-X-ES3-24-P	EtherSwitch Service Module (L2/L3, 24-port GE/PoE+)	SM-X	-	-	●	●	-	●
SM-X-ES3D-48-P	EtherSwitch Service Module (L2/L3, 48-port GE/PoE+)	SM-X	-	-	-	●	-	●

Cisco Gigabit Ethernet WAN Modules

Product SKU	Description	Slot	Compatible Models					
			4221	4321	4331	4351	4431	4451
NIM-1GE-CU-SFP	GE/SFP Module (1-port)	NIM	●	●	●	●	●	●
NIM-2GE-CU-SFP	GE/SFP Module (2-port)	NIM	-	●	●	●	●	●
SM-X-6X1G	GE/SFP Service Module (6-port)	SM-X	-	-	●	●	-	●
SM-X-4X1G-1X10G	GE/SFP (4-port) or SFP+ (1-port) Service Module	SM-X	-	-	●	●	-	●

Cisco Serial WAN Interface Modules

Product SKU	Description	Slot	Compatible Models					
			4221	4321	4331	4351	4431	4451
NIM-1T	Serial WAN Module (1-port)	NIM	●	●	●	●	●	●
NIM-2T	Serial WAN Module (2-port)	NIM	●	●	●	●	●	●
NIM-4T	Serial WAN Module (4-port)	NIM	-	●	●	●	●	●
SM-X-1T3/E3	T3/E3 Service Module (1 port)	SM-X	-	-	●	●	-	●

Cisco Async WAN Interface Modules

Product SKU	Description	Slot	Compatible Models					
			4221	4321	4331	4351	4431	4451
NIM-16A	Asynchronous Module (16-port)	NIM	●	●	●	●	●	●
NIM-24A	Asynchronous Module (24-port)	NIM	●	●	●	●	●	●

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Cisco Multimode VDSL2 and ADSL2/2+ Network Interface Modules

Product SKU	Description	Slot	Compatible Models					
			4221	4321	4331	4351	4431	4451
NIM-VAB-A	Multi Mode VDSL2/ADSL2/2+ (Annex A) Module	NIM	●	●	●	●	●	●
NIM-VA-B	Multi Mode VDSL2/ADSL2/2+ (Annex B) Module	NIM	●	●	●	●	●	●
NIM-VAB-M	Multi Mode VDSL2/ADSL2/2+ (Annex M) Module	NIM	●	●	●	●	●	●

Cisco 4G LTE Network Interface Modules

Product SKU	Description	Slot	Compatible Models					
			4221	4321	4331	4351	4431	4451
NIM-LTEA-EA	4G LTE (Category 6) Module for Europe and North America	NIM	●	●	●	●	●	●
NIM-LTEA-LA	4G LTE (Category 6) Module for Asia Pacific, Australia and Latam	NIM	●	●	●	●	●	●

Cisco T1/E1 Voice and WAN Network Interface Modules

Product SKU	Description	Slot	Compatible Models					
			4221	4321	4331	4351	4431	4451
NIM-1MFT-T1/E1	Voice/WAN Module (1-port T1/E1)	NIM	●	●	●	●	●	●
NIM-2MFT-T1/E1	Voice/WAN Module (2-port T1/E1)	NIM	●	●	●	●	●	●
NIM-4MFT-T1/E1	Voice/WAN Module (4-port T1/E1)	NIM	-	●	●	●	●	●
NIM-8MFT-T1/E1	Voice/WAN Module (8-port T1/E1)	NIM	-	●	●	●	●	●
NIM-1CE1T1-PRI	Voice/WAN Module (1-port T1/E1/G.703)	NIM	-	●	●	●	●	●
NIM-2CE1T1-PRI	Voice/WAN Module (2-port T1/E1/G.703)	NIM	-	●	●	●	●	●
NIM-8CE1T1-PRI	Voice/WAN Module (8-port T1/E1/G.703)	NIM	-	●	●	●	●	●
SM-X-1T3/E3	T3/E3 Service Module (1 port)	SM-X	-	-	●	●	-	●

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Cisco Analog Voice Network Interface Modules

Product SKU	Description	Slot	Compatible Models					
			4221	4321	4331	4351	4431	4451
NIM-2FXSP	Voice Module (2-port FXS)	NIM	-	●	●	●	●	●
NIM-4FXSP	Voice Module (4-port FXS)	NIM	-	●	●	●	●	●
NIM-2FXO	Voice Module (2-port FXO)	NIM	-	●	●	●	●	●
NIM-4FXO	Voice Module (4-port FXO)	NIM	-	●	●	●	●	●
NIM-2FXS/4FXOP	Voice Module (2-port FXS and 4-port FXO)	NIM	-	●	●	●	●	●
NIM-4E/M	Voice Module (4-port E/M)	NIM	-	●	●	●	●	●
NIM-2BRI-NT/TE	Voice Module (2-port BRI)	NIM	-	●	●	●	●	●
NIM-4BRI-NT/TE	Voice Module (4-port BRI)	NIM	-	●	●	●	●	●

Cisco Packet Voice Digital Signal Processor Modules (PVDMS)

Product SKU	Description	Slot	Compatible Models					
			4221	4321	4331	4351	4431	4451
PVDM4-32	High-density Voice DSP Module (16-channel)	PVDM4	-	●	●	●	●	●
PVDM4-64	High-density Voice DSP Module (32-channel)	PVDM4	-	●	●	●	●	●
PVDM4-128	High-density Voice DSP Module (64-channel)	PVDM4	-	●	●	●	●	●
PVDM4-256	High-density Voice DSP Module (128-channel)	PVDM4	-	●	●	●	●	●
SM-X-PVDM-500	High-density Voice DSP Service Module (768-channel)	SM-X	-	-	●	●	-	●
SM-X-PVDM-1000	High-density Voice DSP Service Module (1,024-channel)	SM-X	-	-	●	●	-	●
SM-X-PVDM-2000	High-density Voice DSP Service Module (2,048-channel)	SM-X	-	-	-	●*1	-	●
SM-X-PVDM-3000	High-density Voice DSP Service Module (3,080-channel)	SM-X	-	-	-	●*1	-	●

*1 Supports up to 1,024 channels.

Cisco UCS E Series Servers

Product SKU	CPU Cores	Memory		Internal Drive Slots	RAID	Slot	Compatible Models					
		Default	Maximum				4221	4321	4331	4351	4431	4451
UCS-EN140N-M2/K9	4	8 GB	8 GB	1	-	NIM	-	●	●	●	●	●
UCS-E140S-M2/K9	4	8 GB	16 GB	2	0/1	SM-X	-	-	●	●	-	●
UCS-E160S-M3/K9	6	8 GB	32 GB	2	0/1	SM-X	-	-	●	●	-	●
UCS-E180D-M3/K9	8	16 GB	128 GB	3	0/1/5/10	SM-X	-	-	-	●	-	●
UCS-E1120D-M3/K9	12	16 GB	128 GB	4	0/1/5/10	SM-X	-	-	-	●	-	●

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Cisco ISR 4000 Series Bundles

Platform	Product SKU	Service (CSE) SKU
Cisco ISR 4221	ISR4221-SEC/K9	CON-SMBS-ISR4221S
	ISR4221-AX/K9	-
Cisco ISR 4321	ISR4321-SEC/K9	-
	ISR4321-V/K9	-
	ISR4321-VSEC/K9	-
	ISR4321-AX/K9	-
	ISR4321-AXV/K9	-
Cisco ISR 4331	ISR4331-SEC/K9	-
	ISR4331-V/K9	-
	ISR4331-VSEC/K9	-
	ISR4331-AX/K9	-
Cisco ISR 4351	ISR4351-SEC/K9	-
	ISR4351-V/K9	-
	ISR4351-VSEC/K9	-
	ISR4351-AX/K9	-

Platform	Product SKU	Service (CSE) SKU
Cisco ISR 4431	ISR4431-SEC/K9	-
	ISR4431-V/K9	-
	ISR4431-VSEC/K9	-
	ISR4431-AX/K9	-
Cisco ISR 4451	ISR4451-AXV/K9	-
	ISR4451-X-SEC/K9	-
	ISR4451-X-V/K9	-
	ISR4451-X-VSEC/K9	-
Cisco ISR 4451	ISR4451-X-AX/K9	-
	ISR4451-X-AXV/K9	-
	ISR4451-X-AXV/K9	-

Cisco ISR 4000 Series Bundles Comparison

Bundles	Characters Included in SKU	Bundled Licenses/Modules			
		IOS SEC	IOS UC	IOS APP	PVDM4
Security Bundles	SEC	●	-	-	-
Voice Bundles	V	-	●	-	●
Voice Security Bundles	VSEC	●	●	-	●
Application Experience Bundles	AX	●	-	●	-
Application Experience Voice Bundles	AXV	●	●	●	●

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Cisco ISR 4000 Series Cisco DNA Bundles NEW

Product SKU	Description	SD-WAN Bandwidth					
		10 Mbps	20 Mbps	50 Mbps	100 Mbps	500 Mbps	1 Gbps
ISR4331-DNA	Cisco 4331 with Cisco DNA Support	●	●	●	●	●	-
ISR4351-DNA	Cisco 4351 with Cisco DNA Support	●	●	●	●	●	-
ISR4451-DNA	Cisco 4451 with Cisco DNA Support	-	-	-	●	●	●

Cisco DNA Licenses for Cisco ISR 4000 Series NEW

- Cloud Management: Provides simplicity of management with Cisco vManage; recommended for all SD-WAN deployments.
- On-Premises Management: Manages WAN using Cisco DNA Center or Cisco vManage on-premises.
Cisco DNA Center requires an additional appliance purchase.

Software Package	Bandwidth	Product SKU (Cloud Management)		Product SKU (On-Premises Management)	
		3-Years	5-Years	3-Years	5-Years
Cisco DNA Essentials	10 Mbps	DNA-C-10M-E-3Y	DNA-C-10M-E-5Y	DNA-P-10M-E-3Y	DNA-P-10M-E-5Y
	20 Mbps	DNA-C-20M-E-3Y	DNA-C-20M-E-5Y	DNA-P-20M-E-3Y	DNA-P-20M-E-5Y
	50 Mbps	DNA-C-50M-E-3Y	DNA-C-50M-E-5Y	DNA-P-50M-E-3Y	DNA-P-50M-E-5Y
	100 Mbps	DNA-C-100M-E-3Y	DNA-C-100M-E-5Y	DNA-P-100M-E-3Y	DNA-P-100M-E-5Y
	500 Mbps	DNA-C-500M-E-3Y	DNA-C-500M-E-5Y	DNA-P-500M-E-3Y	DNA-P-500M-E-5Y
	1 Gbps	DNA-C-1G-E-3Y	DNA-C-1G-E-5Y	DNA-P-1G-E-3Y	DNA-P-1G-E-5Y
Cisco DNA Advantage	10 Mbps	DNA-C-10M-A-3Y	DNA-C-10M-A-5Y	DNA-P-10M-A-3Y	DNA-P-10M-A-5Y
	20 Mbps	DNA-C-20M-A-3Y	DNA-C-20M-A-5Y	DNA-P-20M-A-3Y	DNA-P-20M-A-5Y
	50 Mbps	DNA-C-50M-A-3Y	DNA-C-50M-A-5Y	DNA-P-50M-A-3Y	DNA-P-50M-A-5Y
	100 Mbps	DNA-C-100M-A-3Y	DNA-C-100M-A-5Y	DNA-P-100M-A-3Y	DNA-P-100M-A-5Y
	500 Mbps	DNA-C-500M-A-3Y	DNA-C-500M-A-5Y	DNA-P-500M-A-3Y	DNA-P-500M-A-5Y
	1 Gbps	DNA-C-1G-A-3Y	DNA-C-1G-A-5Y	DNA-P-1G-A-3Y	DNA-P-1G-A-5Y

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Benefits of Upgrading to Cisco ISR 4000 Series

Features		ISR 1800/2800/3800	ISR 1900/2900/3900	ISR 4000	Benefits
 Insights and Experiences	Maximum throughput	Up to 50 Mbps	Up to 350 Mbps	Up to 4 Gbps	4 to 10 times greater performance than ISR G2 at lower price
	Cisco Application Visibility and Control (AVC)	-	•	•	Visibility into 1000+ applications for capacity planning and prioritization
	Intelligent path selection (Cisco Performance Routing [PfR] v3)	-	•	•	Real-time analytics to help ensure application experience and lower costs with path selection
	WAN optimization (Cisco Wide Area Application Services [WAAS] and Akamai)	-	•	•	Improved application performance and WAN offload with Layer 4 through 7 optimization and intelligent caching
 Automation and Assurance	Pay-as-you-grow performance and services	-	-	•	Ability to buy what you need today and upgrade anytime without a complete equipment upgrade
	Cisco ONE Software Suites	-	•	•	Predictable OpEx, license portability, and investment protection
	Cisco Intelligent WAN app with Application Policy Infrastructure Controller Enterprise Module (APIC-EM)	-	•	•	Automated provisioning for faster SD-WAN deployments
 Security and Compliance	Cisco Firepower Threat Defense for ISR	-	•	•	Industry-leading advanced threat defense
	Cisco Umbrella Branch (OpenDNS)	-	-	•	Protection from malware, botnets, phishing, and targeted online attacks using real-time threat intelligence
	Cisco Stealthwatch Learning Network License	-	•	•	Branch network visibility and device-level incident response with packet capture and machine learning (ISR 2900/3900 Series requires UCS E-Series blade)
	Multicore hardware VPN acceleration	-	-	•	High-performance encryption for secure WAN
 Virtualization	Enterprise Network Functions Virtualization	-	-	•	Simplified operations and deployment of virtual network services on any platform
	Native Application Hosting	-	-	•	No need for additional network devices in the branch
	Integrated compute with Cisco UCS E-Series servers	-	•	•	Local compute resources for applications, data backup, and analytics
	Cisco IOS XE operating system			•	Multi-core processing increases network services performance and availability

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