Ordering guide

Cisco public

CISCO
The bridge to possible

Cisco ISR1100 and ISR1100X Series Routers

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Part of the Cisco® 1000 Series Integrated Services Routers (ISR), the ISR 1100 Series and ISR 1100X Series are powered by Viptela® operating system or IOS XE SD-WAN operating system. These devices combine WAN and comprehensive security in a wired high-performance platform. The ISR 1100 Series and ISR 1100X Series combine an enterprise grade platform with best-in-class SDWAN. The ISR 1100 Series come with 4GB DRAM, whereas the ISR 1100X Series offer 8GB DRAM.

Table 1. SKUs with 4GB and 8GB DRAM

Series	SKUs	Memory
ISR 1100 Series	ISR 1100-4G ISR 1100-6G ISR 1100-4GLTENA ISR 1100-4GLTEGB	4GB DRAM
ISR 1100X Series	ISR 1100X-4G ISR 1100X-6G	8GB DRAM

Cisco Software-Defined WAN (SD-WAN) is a cloud-first architecture that provides unparalleled visibility across the WAN, optimal connectivity for end users, and a comprehensive security platform to protect the network. Cisco SD-WAN provides transport independence, a rich network, and security services as well as endpoint flexibility.

The ISR 1100 Series and ISR 1100X Series routers are delivered as platforms that sit at the perimeter of a site, such as a remote office, branch office, campus, or data center. They participate in establishing a secure virtual overlay network over a mix of any WAN transports



Figure 1. ISR 1100-4G



Figure 2. ISR 1100-6G



Figure 3. ISR 1100-4GLTE



Figure 4. ISR 1100X-4G



Figure 5. ISR 1100X-6G

Ordering the ISR 1100 and ISR 1100X Series routers

Table 2. Accessories and SFPs

		ISR1100-4G, ISR1100X-4G	ISR1100-6G, ISR1100X-6G	ISR1100-4GLTE
Accessories	External Adapter	30W 341-100891-01	30W 341-100891-01	30W 341-100891-01
	Power cable	As per Geography	As per Geography	As per Geography
Ethernet cable		CAB-ETH-S-RJ45	CAB-ETH-S-RJ45	CAB-ETH-S-RJ45
			CAB-CONAUX	
	Console cable	CAB-CONAUX	CAB-CONAUX	CAB-CONAUX
		CAB-CONSOLE-RJ45	CAB-CONSOLE-RJ45	CAB-CONSOLE-RJ45

		ISR1100-4G, ISR1100X-4G	ISR1100-6G, ISR1100X-6G	ISR1100-4GLTE
	LTE Adapter	-	-	LTE-ADPT-SM-TF
	Magnetic Antenna Extension Base	-	-	LTE-AE-MAG-SMA
	LTE SMA dipole antenna			LTE-ANTM-SMA-D
SFPs	10/100/1000 BASE-T	-	GLC-TE VIP-SFP-1GE-BASET	-
	1GE - LX	-	GLC-LH-SMD VIP-SFP-1GE-LX	-
	1GE - SX	-	GLC-SX-MMD VIP-SFP-1GE-SX	-

Table 3. Cisco DNA for SD-WAN and routing licensing

Platform	License tier	10 Mbps	15 Mbps	25 Mbps	50 Mbps	100 Mbps	250 Mbps
ISR 1100-4G ISR 1100X-4G	Cisco DNA Premier	•	•	•	•	•	
ISR 1100-4GLTE	Cisco DNA Advantage	•	•	•	•	•	
	Cisco DNA Essentials	•	•	•	•	•	
ISR 1100-6G ISR 1100X-6G	Cisco DNA Premier			•	•	•	•
	Cisco DNA Advantage			•	•	•	•
	Cisco DNA Essentials			•	•	•	•

• Term: Essentials/Premier - 3 years or 5 years

Advantage - 3 years or 5 years or 7 years

• Hosting: On-premises or cloud

• Tiers: Essentials, Advantage, or Premier

Bandwidth tiers:

- ISR 1100-4G/4GLTE, ISR 1100X-4G: 10 to 100-Mbps bandwidth tier
- ISR 1100-6G, ISR 1100X-6G: 25 to 250-Mbps bandwidth tier

For additional information and details about Cisco DNA for SD-WAN and routing subscriptions, please visit https://www.cisco.com/site/us/en/products/networking/wan-software/dna-subscription-wan/index.html

Steps for ordering in Cisco Commerce (CCW)

• Search for ISR1100-6G (or ISR1100-4G/4GLTEGB/4GLTENA or ISR1100X-4G/6G) and 'Add' it to the estimate. Click on 'Edit Options'.

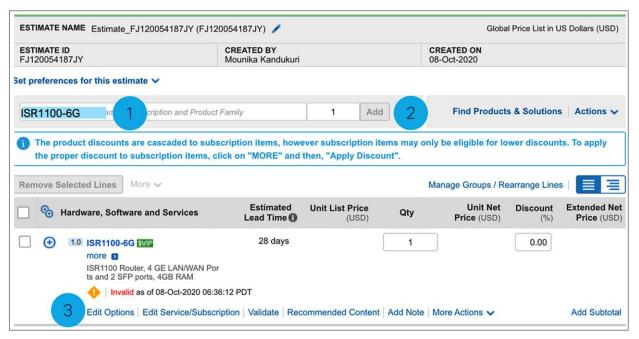


Figure 6.CCW SKU search and add Screenshot

 Select power cables and accessories (Ethernet and Console cables). Power cable is a mandatory selection, and customer needs to select a power cable from the list based on specific country requirements.

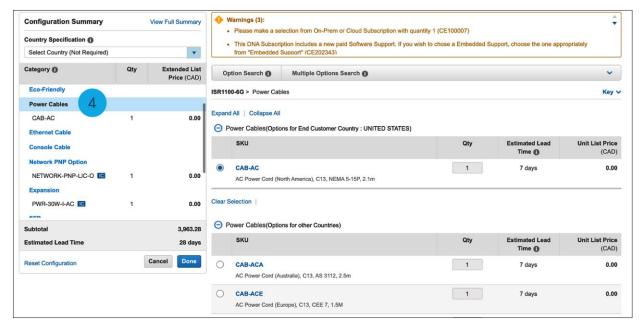


Figure 7.CCW Power Cables and Accessories Ordering Screenshot

• Select transceivers as required from the list (applicable only for ISR1100-6G and ISR1100X-6G)

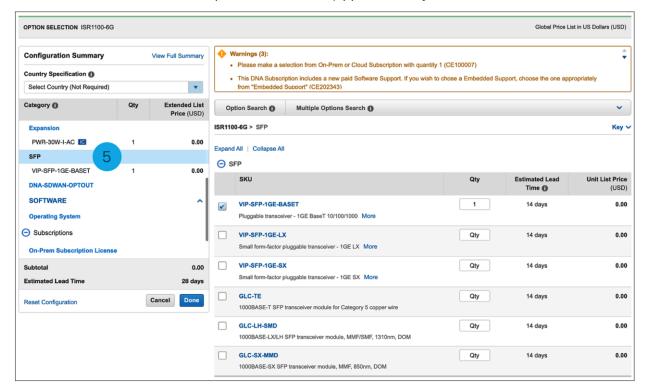


Figure 8.CCW Transceivers Ordering Screenshot

• Optional: Select the 19-inch rackmount for ISR1100 and ISR1100X Series Routers

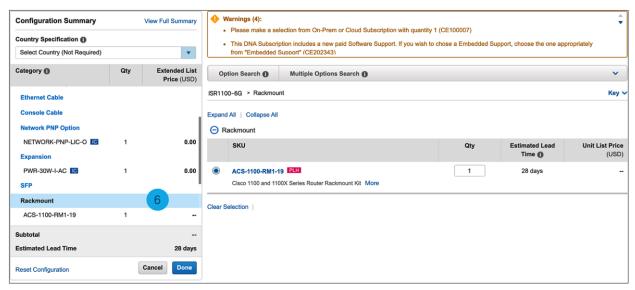


Figure 9. CCW Rackmount Ordering Screenshot

• Choose between Viptela OS and IOS XE SD-WAN releases (note that release versions available between the 1100 and 1100X series for Viptela OS are different)

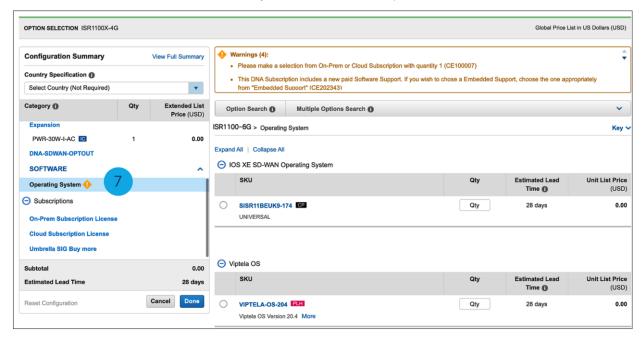


Figure 10. CCW Operating system selection Screenshot

• Select the Cisco DNA subscription SKU. This would include whether it's cloud or on-premises, the bandwidth tier, and the subscription term.

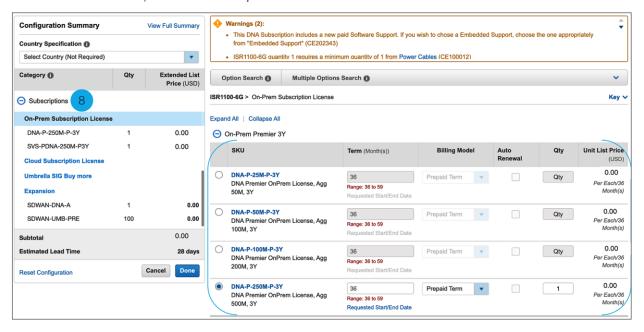


Figure 11.CCW Subscription license Ordering Screenshot

Cisco Solution Support (paid support) is the default Cisco support service. However, Cisco Solution Support is not mandatory; the customer may choose to use the Cisco Subscription Embedded Software Support (0\$ support) included with the purchase of this software.

Cisco Solution Support is a premium support purpose-built for today's multiproduct, multivendor network environments and provides:

- A primary point of contact centralizing support across a solution deployment
- Solution, product, and interoperability expertise
- · No requirement for customers to isolate their issue to a product to open a case
- 30-minute service response objective for Severity 1 and 2 cases
- Prioritized case handling over product support cases
- Product support team coordination (Cisco and Solution Support Alliance Partners)
- Accountability for multiproduct, multivendor issue management from first call to resolution, no matter where the issue resides

Learn more about Cisco Solution Support at www.cisco.com/go/solutionsupport

Cisco Subscription Embedded Software Support includes:

- Access to support and troubleshooting via online tools and web case submission. Case severity or escalation guidelines are not applicable.
- Cisco Technical Assistance Center (TAC) access 24 hours per day, 7 days per week to assist by telephone, or web case submission and online tools with application software use and troubleshooting issues.
- Access to <u>www.cisco.com</u>, providing helpful technical and general information on Cisco products, as well as access to Cisco's online Software Center library.

If a customer intends to change from Cisco Solution support(default) to Cisco Subscription Embedded Software Support, this can be done by selecting the corresponding Embedded OnPrem/Cloud support SKU (Essentials/ Advantage/Premier) under On Prem Subscription License/ Cloud Subscription License based on the subscription selected.

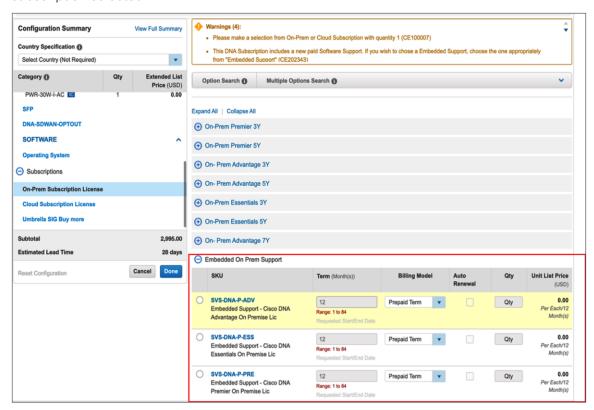


Figure 12.Choosing Embedded Software support

• Select Umbrella SIG Buy more from the list as required. This can be selected only if you select a Cisco DNA Premier Subscription.

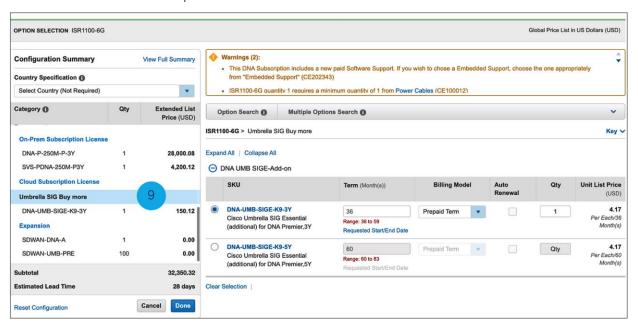


Figure 13.CCW Umbrella SIG Buy more Ordering Screenshot

• Once your configuration is complete then click on "Done" to check if the configuration is valid. You should have a valid configuration to place order.

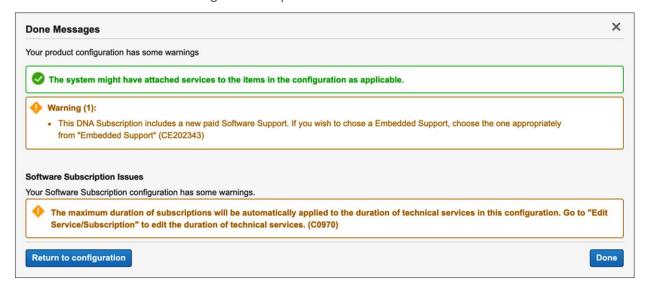


Figure 14.
Checking warning and error messages

Installation guides

For Cisco 1000 Series ISR hardware and software installation guides, please visit: https://www.cisco.com/c/en/us/support/routers/1110-integrated-services-router/model.html#InstallandUpgradeGuides.

https://www.cisco.com/c/en/us/support/routers/1110-integrated-services-router/model.html#ConfigurationGuides.

Cisco and partner services

Services from Cisco and our certified partners can help you reduce the cost and complexity of branch-office deployments. Cisco Smart Net Total Care® technical support for the Cisco 1000 Series ISRs is available on a one-time or annual contract basis. Support options range from help-desk assistance to proactive, onsite consultation.

For more information, visit https://www.cisco.com/c/en/us/services/overview.html.

Ordering information

To place an order, visit the <u>Cisco Ordering homepage</u>. To download software, visit the <u>Cisco Software Center</u>.

For more information

For more information about the Cisco 1000 Series ISRs, visit https://www.cisco.com/c/en/us/products/routers/1000-series-integrated-services-routers-isr/index.html or contact your local Cisco account representative.

Cisco Capital

Flexible payment solutions to help you achieve your objectives

Cisco Capital makes it easier to get the right technology to achieve your objectives, enable business transformation, and help you stay competitive. We can help you reduce the total cost of ownership, conserve capital, and accelerate growth. In more than 100 countries, our flexible payment solutions can help you acquire hardware, software, services and complementary third-party equipment in easy, predictable payments. <u>Learn more</u>.

For a more detailed overview on Cisco Licensing, go to cisco.com/go/licensingquide

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