

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

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	●	●	●	●	●	
	Cisco DNA Advantage	●	●	●	●	●	
ISR 1100-4GLTE	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’.

ESTIMATE NAME Estimate_FJ120054187JY (FJ120054187JY) Global Price List in US Dollars (USD)

ESTIMATE ID FJ120054187JY CREATED BY Mounika Kandukuri CREATED ON 08-Oct-2020

Set preferences for this estimate ▼

ISR1100-6G 1 Add Find Products & Solutions Actions ▼

i The product discounts are cascaded to subscription items, however subscription items may only be eligible for lower discounts. To apply the proper discount to subscription items, click on "MORE" and then, "Apply Discount".

Remove Selected Lines More Manage Groups / Rearrange Lines ☰ ☰

<input type="checkbox"/>	Hardware, Software and Services	Estimated Lead Time i	Unit List Price (USD)	Qty	Unit Net Price (USD)	Discount (%)	Extended Net Price (USD)
<input type="checkbox"/>	1.0 ISR1100-6G SVIP more ISR1100 Router, 4 GE LAN/WAN Ports and 2 SFP ports, 4GB RAM Invalid as of 08-Oct-2020 06:36:12 PDT	28 days		1		0.00	

3 Edit Options | Edit Service/Subscription | Validate | Recommended Content | Add Note | More Actions ▼ Add Subtotal

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.

Configuration Summary [View Full Summary](#)

Country Specification
Select Country (Not Required)

Category	Qty	Extended List Price (CAD)
Power Cables (4)	1	0.00
ETHERNET CABLE		
CONSOLE CABLE		
Network PNP Option		
NETWORK-PNP-LIC-O	1	0.00
Expansion		
PWR-30W-I-AC	1	0.00
Subtotal		3,963.28
Estimated Lead Time		28 days

Warnings (3):

- Please make a selection from On-Prem or Cloud Subscription with quantity 1 (CE100007)
- This DNA Subscription includes a new paid Software Support. If you wish to choose an Embedded Support, choose the one appropriately from "Embedded Support" (CE202343)

Option Search **Multiple Options Search**

ISR1100-6G > Power Cables [Key](#)

[Expand All](#) | [Collapse All](#)

Power Cables(Options for End Customer Country : UNITED STATES)

SKU	Qty	Estimated Lead Time	Unit List Price (CAD)
<input checked="" type="radio"/> CAB-AC AC Power Cord (North America), C13, NEMA 5-15P, 2.1m	1	7 days	0.00

[Clear Selection](#)

Power Cables(Options for other Countries)

SKU	Qty	Estimated Lead Time	Unit List Price (CAD)
<input type="radio"/> CAB-ACA AC Power Cord (Australia), C13, AS 3112, 2.5m	1	7 days	0.00
<input type="radio"/> CAB-ACE AC Power Cord (Europe), C13, CEE 7, 1.5M	1	7 days	0.00

Figure 7.
CCW Power Cables and Accessories Ordering Screenshot

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

OPTION SELECTION ISR1100-6G Global Price List in US Dollars (USD)

Configuration Summary [View Full Summary](#)

Country Specification
Select Country (Not Required)

Category	Qty	Extended List Price (USD)
SFP (5)	1	0.00
Expansion		
PWR-30W-I-AC	1	0.00
VIP-SFP-1GE-BASET	1	0.00
DNA-SDWAN-OPTOUT		
SOFTWARE		
Operating System		
Subscriptions		
On-Prem Subscription License		
Subtotal		0.00
Estimated Lead Time		28 days

Warnings (3):

- Please make a selection from On-Prem or Cloud Subscription with quantity 1 (CE100007)
- This DNA Subscription includes a new paid Software Support. If you wish to choose an Embedded Support, choose the one appropriately from "Embedded Support" (CE202343)

Option Search **Multiple Options Search**

ISR1100-6G > SFP [Key](#)

[Expand All](#) | [Collapse All](#)

SFP

SKU	Qty	Estimated Lead Time	Unit List Price (USD)
<input checked="" type="checkbox"/> VIP-SFP-1GE-BASET Pluggable transceiver - 1GE BaseT 10/100/1000 More	1	14 days	0.00
<input type="checkbox"/> VIP-SFP-1GE-LX Small form-factor pluggable transceiver - 1GE LX More	Qty	14 days	0.00
<input type="checkbox"/> VIP-SFP-1GE-SX Small form-factor pluggable transceiver - 1GE SX More	Qty	14 days	0.00
<input type="checkbox"/> GLC-TE 1000BASE-T SFP transceiver module for Category 5 copper wire	Qty	14 days	0.00
<input type="checkbox"/> GLC-LH-SMD 1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM	Qty	14 days	0.00
<input type="checkbox"/> GLC-SX-MMD 1000BASE-SX SFP transceiver module, MMF, 850nm, DOM	Qty	14 days	0.00

Figure 8.
CCW Transceivers Ordering Screenshot

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

Configuration Summary [View Full Summary](#)

Country Specification
Select Country (Not Required)

Category	Qty	Extended List Price (USD)
Ethernet Cable		
Console Cable		
Network PNP Option		
NETWORK-PNP-LIC-O	1	0.00
Expansion		
PWR-30W-I-AC	1	0.00
SFP		
Rackmount		
ACS-1100-RM1-19	1	--
Subtotal		--
Estimated Lead Time		28 days

[Reset Configuration](#) [Cancel](#) [Done](#)

Warnings (4):

- Please make a selection from On-Prem or Cloud Subscription with quantity 1 (CE100007)
- This DNA Subscription includes a new paid Software Support. If you wish to chose a Embedded Support, choose the one appropriately from "Embedded Suooort" (CE202343)

Option Search | Multiple Options Search

ISR1100-6G > Rackmount [Key](#)

Expand All | Collapse All

Rackmount

SKU	Qty	Estimated Lead Time	Unit List Price (USD)
<input checked="" type="radio"/> ACS-1100-RM1-19 PLH	1	28 days	--

Cisco 1100 and 1100X Series Router Rackmount Kit [More](#)

[Clear Selection](#)

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)

OPTION SELECTION ISR1100X-4G Global Price List in US Dollars (USD)

Configuration Summary [View Full Summary](#)

Country Specification
Select Country (Not Required)

Category	Qty	Extended List Price (USD)
Expansion		
PWR-30W-I-AC	1	0.00
DNA-SDWAN-OPTOUT		
SOFTWARE		
Operating System		
<input type="radio"/> Subscriptions		
<input type="radio"/> On-Prem Subscription License		
<input type="radio"/> Cloud Subscription License		
<input type="radio"/> Umbrella SIG Buy more		
Subtotal		0.00
Estimated Lead Time		28 days

[Reset Configuration](#) [Cancel](#) [Done](#)

Warnings (4):

- Please make a selection from On-Prem or Cloud Subscription with quantity 1 (CE100007)
- This DNA Subscription includes a new paid Software Support. If you wish to chose a Embedded Support, choose the one appropriately from "Embedded Suooort" (CE202343)

Option Search | Multiple Options Search

ISR1100-6G > Operating System [Key](#)

Expand All | Collapse All

IOS XE SD-WAN Operating System

SKU	Qty	Estimated Lead Time	Unit List Price (USD)
<input type="radio"/> SISR11BEUK9-174 CA	Qty	28 days	0.00

UNIVERSAL

Viptela OS

SKU	Qty	Estimated Lead Time	Unit List Price (USD)
<input type="radio"/> VIPTELA-OS-204 PLH	Qty	28 days	0.00

Viptela OS Version 20.4 [More](#)

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 www.cisco.com, 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.

Configuration Summary [View Full Summary](#)

Country Specification
Select Country (Not Required)

Category	Qty	Extended List Price (USD)
PWR-30W-I-AC	1	0.00
SFP		
DNA-SDWAN-OPTOUT		
SOFTWARE		
Operating System		
Subscriptions		
On-Prem Subscription License		
Cloud Subscription License		
Umbrella SIG Buy more		

Subtotal: 2,995.00
Estimated Lead Time: 28 days

Reset Configuration

Warnings (4):

- Please make a selection from On-Prem or Cloud Subscription with quantity 1 (CE100007)
- This DNA Subscription includes a new paid Software Support. If you wish to choose an Embedded Support, choose the one appropriately from "Embedded Support" (CE202343)

Option Search | Multiple Options Search

Expand All | Collapse All

- On-Prem Premier 3Y
- On-Prem Premier 5Y
- On-Prem Advantage 3Y
- On-Prem Advantage 5Y
- On-Prem Essentials 3Y
- On-Prem Essentials 5Y
- On-Prem Advantage 7Y

Embedded On Prem Support

SKU	Term (Month(s))	Billing Model	Auto Renewal	Qty	Unit List Price (USD)
<input type="radio"/> SVS-DNA-P-ADV Embedded Support - Cisco DNA Advantage On Premise Lic	12 <small>Range: 1 to 64 Requested Start/End Date</small>	Prepaid Term	<input type="checkbox"/>	Qty	0.00 <small>Per Each/12 Month(s)</small>
<input type="radio"/> SVS-DNA-P-ESS Embedded Support - Cisco DNA Essentials On Premise Lic	12 <small>Range: 1 to 64 Requested Start/End Date</small>	Prepaid Term	<input type="checkbox"/>	Qty	0.00 <small>Per Each/12 Month(s)</small>
<input type="radio"/> SVS-DNA-P-PRE Embedded Support - Cisco DNA Premier On Premise Lic	12 <small>Range: 1 to 64 Requested Start/End Date</small>	Prepaid Term	<input type="checkbox"/>	Qty	0.00 <small>Per Each/12 Month(s)</small>

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.

OPTION SELECTION ISR1100-6G Global Price List in US Dollars (USD)

Configuration Summary [View Full Summary](#)

Country Specification
Select Country (Not Required)

Category	Qty	Extended List Price (USD)
On-Prem Subscription License		
DNA-P-250M-P-3Y	1	28,000.08
SVS-PDNA-250M-P3Y	1	4,200.12
Cloud Subscription License		
Umbrella SIG Buy more	9	
DNA-UMB-SIGE-K9-3Y	1	150.12
Expansion		
SDWAN-DNA-A	1	0.00
SDWAN-UMB-PRE	100	0.00
Subtotal		32,350.32
Estimated Lead Time		28 days

[Reset Configuration](#) [Cancel](#) [Done](#)

Warnings (2):

- This DNA Subscription includes a new paid Software Support. If you wish to chose a Embedded Support, choose the one appropriately from "Embedded Support" (CE202343)
- ISR1100-6G quantiv 1 requires a minimum quantiv of 1 from Power Cables (CE100012)

Option Search **Multiple Options Search**

ISR1100-6G > Umbrella SIG Buy more Key

Expand All | Collapse All

DNA LMB SIGE-Add-on

SKU	Term (Month(s))	Billing Model	Auto Renewal	Qty	Unit List Price (USD)
<input checked="" type="radio"/> DNA-UMB-SIGE-K9-3Y Cisco Umbrella SIG Essential (additional) for DNA Premier,3Y	36 Range: 36 to 59 Requested Start/End Date	Prepaid Term	<input type="checkbox"/>	1	4.17 Per Each/36 Month(s)
<input type="radio"/> DNA-UMB-SIGE-K9-5Y Cisco Umbrella SIG Essential (additional) for DNA Premier,5Y	60 Range: 60 to 83 Requested Start/End Date	Prepaid Term	<input type="checkbox"/>	Qty	4.17 Per Each/60 Month(s)

[Clear Selection](#)

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.

Done Messages X

Your product configuration has some warnings

The system might have attached services to the items in the configuration as applicable.

Warning (1):

- This DNA Subscription includes a new paid Software Support. If you wish to chose a Embedded Support, choose the one appropriately from "Embedded Support" (CE202343)

Software Subscription Issues

Your Software Subscription configuration has some warnings.

Warning (1): The maximum duration of subscriptions will be automatically applied to the duration of technical services in this configuration. Go to "Edit Service/Subscription" to edit the duration of technical services. (C0970)

[Return to configuration](#) [Done](#)

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 [Cisco Ordering homepage](#). To download software, visit the [Cisco Software Center](#).

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.

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