



Product IDs

This appendix provides information about the product structure, product IDs, and hardware compatibility.

The table lists system components, their product IDs (the part numbers to use to order the component), and descriptions.



Note

In the following tables, an equals sign (=) at the end of the product ID indicates that the component can be ordered as a spare. For those components, be sure to include the equals sign as part of the product ID.



Note

Although this appendix provides product IDs for routing system components, the Cisco online ordering and pricing tool has the most up-to-date information on the routing system and product IDs: <http://www.cisco.com>. CCO login is required. Enter a search term such as “CRS” to view a list of components.

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Chassis Product IDs

Below table lists the PIDs for the LCC and its components.

Table 1: Cisco CRS Series Enhanced 16-Slot Line Card Chassis Product IDs

Component	Product ID	Description
Line card chassis(complete)	CRS-16-LCC-B(=) CRS-16-LCC/M-B(=) CRS-16/S-B	CRS 16 slot line card chassis for CRS-16/S-B CRS 16 slot Carrier Routing System/single-enhanced CRS 16 slot line card chassis/M-B
Switch fabric cards		

Component	Product ID	Description
Switch fabric card (single-shelf system)	CRS-16-FC/S(= CRS-16-FC140/S(= CRS-16-FC400/S(=)	S123 switch fabric cards for Cisco CRS-1 40G system S123 switch fabric cards for Cisco CRS-3 140G system S123 switch fabric cards for Cisco CRS-X 400G system (8 required for each line card chassis)
Switch fabric card (multi-shelf system)	CRS-16-FC/M(= CRS-16-FC140/M(= CRS-16-FC400/M(=)	S13 switch fabric cards for CRS-1 40G system S13 switch fabric cards for CRS-3 140G system S13 switch fabric cards for CRS-X 400G system (8 required for each line card chassis)
Route processors		
Route processor	CRS-16-RP(=)	Route processor(2 required for each line card chassis)
Performance route processor (PRP)	CRS-16-PRP-6G= CRS-16-PRP-12G=	Performance route processor (6GB memory) Performance route processor (12GB memory) (2 PRPs required for each line card chassis)
Distributed route processor (DRP)	CRS-DRP(=)	Additional route processor for the system (optional) (includes two cards, DRP CPU and DRP PLIM)
	To order DRP cards separately, use the following IDs (both cards are required for DRP operation):	
	• CRS-DRP-B-CPU(=)	DRP card only (requires DRP PLIM)
	• CRS-DRP-B-PLIM(=)	DRP PLIM only (requires DRP CPU)
Power		

Component	Product ID	Description
AC power system	CRS-16-ACKIT-M-B(= CRS-16-PWRSH-AC(=)	CRS modular power AC kit for CRS-16/S-BAC power shelf for CRS-16/S-B CRS 16 slot AC power shelf for CRS-16/S-B
DC power system	CRS-16-DCKIT-M-B(= CRS-16-PWRSH-DC(=)	CRS modular power DC kit for CRS-16/S-BDC power shelf for CRS-16/S-B CRS 16 slot DC power shelf for CRS-16/S-B
AC power module	CRS-PM-AC(=)	AC power module (Up to 6 required for each power shelf)
DC power module	CRS-PM-DC(=)	DC power module (Up to 8 required for each power shelf)
Alarm module	CRS-16-ALARM-B(=)	CRS 16 slot alarm board for CRS-16/S-B
AC power cord	CRS-AC-CAB-NA CRS-AC-CAB-AU CRS-AC-CAB-UK CRS-AC-CAB-EU CRS-AC-CAB-IT	AC power cord—North America AC power cord—Australia AC power cord—United Kingdom AC power cord—Europe AC power cord—Italy Note Length of each power cord is 4.25 m.
Power Distribution Unit (PDU)	CRS-16-PDU-DELTA CRS-16-PDU-WYE	3-phase to single-phase AC Delta PDU for line card chassis 3-phase to single-phase AC Wye PDU for line card chassis
Cooling		
Fan tray	CRS-16-FANTRAY(=)	CRS 16 slot fan tray for CRS-16/S-B
Fan controller	CRS-16-FAN-CT(=)	CRS fan controller for CRS-16/S-B
Cable management and cosmetics		
Front cable management	CRS-16-FRONT-CM(=)	CRS 16 slot front cable management for CRS-16/S-B
Rear cable management	CRS-16-REAR-CM	CRS 16 slot chassis rear cable management for CRS-B

Component	Product ID	Description
Front door	CRS-16-DOORS-F	CRS 16 slot chassis front doors for CRS-16/S-B
Rear door	CRS-16-DOORS-R	CRS 16 slot chassis rear doors for CRS-16/S-B
Power grille	CRS-16-PW-GRILL-B(=)	CRS modular power grille for CRS-16/S-B
Chassis installation accessories (included with chassis)		
Drill hole template	CRS-16-DRILLTEMP	CRS 16 slot drill template for CRS-16/S-B
Chassis access template	CRS-16-FLOORTEMP	CRS 16 slot floor template for CRS-16/S-B
For detailed specifications for Cisco CRS routing system PLIMs, RPs and other components refer to the data sheet on: http://www.cisco.com/en/US/partner/products/ps5763/products_data_sheets_list.html . CCO login is required.		
For additional information on Cisco CRS routing system SPA interface processor (SIP) and shared port adapters (SPAs), see <i>Cisco CRS SIP and SPA Hardware Installation Guide</i> .		

CRS Hardware Compatibility

Below table lists the compatibility of 40G CRS, 140G CRS, and 400G CRS fabric, forwarding, and line card components for the LCC system.



Note

A router with a mix of 40G, 140G, and 400G fabric cards is not a supported mode of operation. Such a mode is temporarily allowed only during the upgrade process.

Table 2: CRS Compatibility Matrix

Switch Fabric	RP/DRP	MSC/FP/LSP	PLIMs
CRS-16-FC/S	RP-A (CRS-16-RP), RP-B (CRS-16-RP-B), DRP-B (CRS-DRP-B)	CRS-MSC-B	10C768-DPSK/C 10C768-ITU/C 10C768-POS-SR 4-10GE-ITU/C 8-10GBE CRS1-SIP-800 4-10GE 42-1GE 20-1GE-FLEX 2-10GE-WL-FLEX 4-10GBE-WL-XFP 8-10GBE-WL-XFP
CRS-16-FC140/S	RP-A (CRS-16-RP), RP-B (CRS-16-RP-B), DRP-B (CRS-DRP-B)	CRS-MSC-B	10C768-DPSK/C 10C768-ITU/C 10C768-POS-SR 4-10GE-ITU/C 8-10GBE CRS1-SIP-800 4-10GE 42-1GE 20-1GE-FLEX 2-10GE-WL-FLEX 4-10GBE-WL-XFP 8-10GBE-WL-XFP
	PRP (CRS-16-PRP-6G, CRS-16-PRP-12G)	CRS-MSC-140G	14X10GBE-WL-XFP 20X10GBE-WL-XFP 1x100GBE
	PRP (CRS-16-PRP-6G, CRS-16-PRP-12G))	CRS-FP140	14X10GBE-WL-XFP 20X10GBE-WL-XFP 1x100GBE
	PRP (CRS-16-PRP-6G, CRS-16-PRP-12G)	CRS-LSP	14X10GBE-WL-XFP 20X10GBE-WL-XFP 1x100GBE
CRS-16-FC400/S (400G)	PRP (CRS-16-PRP-6G, CRS-16-PRP-12G)	CRS-MSC-X (400G)	4x100GE-LO 40x10GE-WL02x100GE-FLEX40
		CRS-FP-X (400G)	
		CRS-LSP-X (400G)	

