

CISCO · ROUTERS

C8500-20X6C

20x1/10GE SFP+ · 6x40/100GE QSFP+ · Catalyst 8500 Edge Router

New, factory-sealed · 3-year LSCare warranty · Ships from Hong Kong and US stock



Product Model	C8500-20X6C
Category	Routers
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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Customers Worldwide

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Ready-Stock Inventory

3-Year

Warranty



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20x1/10GE SFP+ · 6x40/100GE QSFP+ · Catalyst 8500 Edge Router

C8500-20X6C is a Cisco Catalyst 8500 Series Edge Platform built as a high-scale SD-WAN and routing edge router for aggregation, WAN edge, and service-rich enterprise deployments.

New, factory-sealed · [3-year LSCare warranty](#) · [14-day returns](#) · [Cisco SN check before shipment](#)

Specifications

Product ID	C8500-20X6C	Product Type	SD-WAN edge router
Form Factor	3RU fixed platform	Ethernet Ports	20 x 1/10GE SFP+ ports and 6 x 40/100GE QSFP+ ports
Enabled Port Bandwidth	800 Gbps listed port bandwidth	Bay 0	20 x SFP+ ports configurable as 1G, 10G, or mixed 1G and 10G
Bay 1	6 x QSFP+ ports configurable as 40G, 100G, or mixed 40G and 100G	Default Memory	64 GB DRAM
Boot Flash Storage	32 GB internal boot flash	Default SSD	480 GB SSD
TCAM	320 MB TCAM	SD-WAN IPsec Throughput	Up to 350 Gbps at 1400-byte packets
SD-WAN IPsec IMIX Throughput	Up to 100 Gbps	SD-WAN Overlay Tunnels	8000
Autonomous IPv4 Forwarding	Up to 500 Gbps at 1400-byte packets	Autonomous IPsec Throughput	Up to 400 Gbps at 1400-byte packets
Autonomous IPsec SVTI Tunnels	4000	IPv4 Routes	7M with default 64 GB DRAM
NAT Sessions	32M	Firewall Sessions	32M
Required Subscription	Cisco DNA subscription with Advantage Tier 4 or Tier 5 offered for C8500-20X6C	Minimum Cisco IOS XE Release	17.10.1
Minimum Catalyst SD-WAN Manager Release	20.10.1	Power Supply Options	PWR-CH1-1100WAC or PWR-CH1-950WDC
Power Supply Requirement	4 slots maximum with at least 2 supplies populated and powered	Input Voltage	AC 90 to 264 VAC or DC -40 to -72 VDC
Airflow Direction	Front-to-rear chassis airflow	Dimensions	26.85 in L x 17.25 in W x 5.22 in H
Chassis Weight	77.5 lb with 4 x AC or 75 lb with 3 x AC	Operating Temperature	32 to 104 F (0 to 40 C)
Storage Temperature	-40 to 150 F (-40 to 70 C)	Altitude	-500 to 10000 ft (-152 to 3048 m)
MTBF	241225 hours	Rack Installation	Four-post only
NEBS Criteria	GR-1089 and GR-63		

Optional Add-ons

Add-on	Cisco PID	Purpose
Optics	SFP-10G-SR-S	10GBASE-SR SFP+ - S-Class - 400m OM4 MMF
Optics	SFP-10G-LR-S	10GBASE-LR SFP+ - S-Class - 10km SMF
Optics	QSFP-40G-SR4-S	40G SR4 S-Class QSFP - MPO-12 MMF - No Breakout
Optics	GLC-LH-SMD	1000BASE-LX/LH SFP - 10km SMF / 550m MMF - DOM
Optics	GLC-TE	1000BASE-T SFP - RJ-45 Cat5 Copper - 100m Reach
Optics	GLC-SX-MMD	1000BASE-SX SFP - MMF 850nm - DOM
Optics	QSFP-100G-DR-S	100G DR QSFP - LC SMF - 500m Reach
Optics	QSFP-100G-SR4-S	100G SR4 QSFP - MPO-12 MMF - 100m OM4

Get Price and Availability for C8500-20X6C

New, factory-sealed units with a 3-year warranty. Our sales team quotes within one business day, and in-stock orders ship within one business day of payment from our Hong Kong and US warehouses.

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