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Refurbished CISCO CRS-CGSE-PLIM Datasheet

CISCO > ROUTERS

Cisco Carrier Routing System

Product Specifications

Feature	
Chassis compatibility	Compatible with all current Cisco CRS-1 and CRS-3 line-card chassis
Forwarding-engine compatibility	Compatible with the following forwarding engines: CRS-MSC-40G-B, CRS-MSC-20G-B, and CRS-MSC
Software compatibility	Cisco IOS XR Software Release 3.9.1
Protocols	NAT44 (RFCs 4787, 5382, and 5508) NAT64 (RFC 6146) DSLite AFTR (RFC 6334) Cisco NetFlowv9 Port Control Protocol
Feature summary	Stateful IPv4 NAT (NAT44) Stateful IPv6 to v4 NAT (NAT64) Stateless IPv6 to v4 NAT (NAT64 SL) Stateful DSLite translation AFTR function 6RD BR
Performance	20 Gbps of throughput Maximum number of physical layer interface modules (PLIMs) per chassis: 4 slots: 3; 8 slots: 7; and 16 slots: 12 Max subscribers per stateful NAT session blade: 1 million
Reliability and availability	Online insertion and removal (OIR) without affecting system traffic
Network management	Cisco IOS XR Software command-line interface (CLI) XML interface Cisco Active Network Abstraction (ANA)
Physical dimensions	Occupies one PLIM slot on a Cisco CRS chassis Weight: 7.85 lb (3.55 kg) Height: 20.6 in. (52.2 cm) Depth: 11.2 in. (28.4 cm) Width: 1.8 in. (4.49 cm)
Power	135 watts (-5 °C) to 165 watts (55 °C)
Environmental conditions	Storage temperature: -40 to 158°F (-40 to 70°C) Operating temperature: Normal: 41 to 104°F (5 to 40°C) Short-term: 23 to 122°F (-5 to 50°C) Relative humidity: Normal: 5 to 85% Short-term: 5 to 90% but not to exceed 0.024 kg water per kg of dry air Note: Short-term refers to a period of not more than 96 consecutive hours and a total of 360 hours but not more than 15 instances in 1 year.

Compliance and Agency Approvals

Feature	
Safety standards	UL/CSA/IEC/EN 60950-1 IEC/EN 60825 Laser Safety ACA TS001 AS/NZS 60950 FDA - Code of Federal Regulations Laser Safety
EMI	FCC Class A

	ICES 003 Class A AS/NZS 3548 Class A CISPR 22 (EN55022) Class A VCCI Class A BSMI Class A IEC/EN 61000-3-2: Power Line Harmonics IEC/EN 61000-3-3: Voltage Fluctuations and Flicker
Immunity (basic standards)	IEC/EN-61000-4-2: Electrostatic Discharge Immunity (8-kV contact, 15-kV air) IEC/EN-61000-4-3: Radiated Immunity (10V/m) IEC/EN-61000-4-4: Electrical Fast Transient Immunity (2-kV power, 1-kV signal) IEC/EN-61000-4-5: Surge AC Port (4-kV CM, 2-kV DM) IEC/EN-61000-4-5: Signal Ports (1 kV) IEC/EN-61000-4-5: Surge DC Port (1 kV) IEC/EN-61000-4-6: Immunity to Conducted Disturbances (10 Vrms) IEC/EN-61000-4-8: Power Frequency Magnetic Field Immunity (30A/m) IEC/EN-61000-4-11: Voltage Dips, Short Interruptions, and Voltage Variations
ETSI and EN	EN300 386: Telecommunications Network Equipment (EMC) EN55022: Information Technology Equipment (Emissions) EN55024: Information Technology Equipment (Immunity) EN50082-1/EN-61000-6-1: Generic Immunity Standard
Network Equipment Building Standards (NEBS)	This product is designed to meet the following requirements (qualification in progress): SR-3580: NEBS Criteria Levels (Level 3) GR-1089-CORE: NEBS EMC and Safety GR-63-CORE: NEBS Physical Protection

The next steps...

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