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Refurbished CISCO SCE8000-SCM-E Datasheet

CISCO > SERVICE-EXCHANGE

Cisco SCE 8000 Series Service Control Engine

Cisco SCE 8000 Features

Traffic Handling	
Programmable Protocol Detection	More than 600 protocols supported Extensible to emerging protocols Adaptive peer-to-peer (P2P) recognition Asymmetric traffic classification support
Capacity and Performance1	
Maximum Throughput	Up to 30 Gbps
Number of Concurrent Subscribers	Up to 1,000,000
Simultaneous Unidirectional Flows	Up to 32,000,000
Reliability, Availability, and Serviceability (RAS) and Failover	
High Availability	Dual-cascaded system design to provide redundancy and failover protection Multi-10gigabits solution providing N+1 redundancy and load balancing
System Bypass for Link Preservation	Support for integrated or external optical bypass module (one per 10-gigabit link)
Field-Replaceable Units	Power supplies, fan module, service control module, shared port adapters (SPAs), SPA interface processor (SIP), XFP optics, SFP optics, optical bypass module
Internal Redundancy	Redundant power supplies Redundant fans
Integration and Management	
Integration	Industry-standard application programming interfaces (APIs) to ensure easy integration with: Provisioning systems Operations support systems (OSSs) Management systems Billing systems
Management	Powerful management capabilities offering: GUI-based interfaces for service management Command-line interface (CLI) and Simple Network Management Protocol (SNMP) interfaces for configuration, monitoring, and fault management

Product Specifications of Cisco SCE 8000 Service Control Engine

Models	Cisco SCE 8000 Service Control Engine
Management Interfaces	2 x 10/100/1000 Mbps Ethernet RJ-45
Console Interface	2 x RS-232 RJ-45
Optical Bypass Interface	2 x RJ-11 enable software activation of the optical bypass
Interfaces	2/4-port 10 Gigabit Ethernet supporting the following XFP optics: Single-mode fiber long-reach (LR) 1310nm Single-mode fiber extended-reach (ER) 1550nm Single-mode fiber long-haul (ZR) 1550nm Multimode fiber 850nm 8/16-port Gigabit Ethernet supporting the following SFP optics: Single-mode fiber 1310nm Single-mode fiber 1550nm Multimode fiber 850nm

Weight	42.25 Kg / 92.95 lb (fully populated unit excluding optical bypass)
Dimensions (H x W x D)	8.75 x 17.5 x 21.75 in. (22.23 x 44.45 x 55.25 cm)
Temperature	Nominal 32 to 104°F (0 to 40°C), Storage: -4 to 149°F (-20 to 65°C)
Humidity	Relative humidity: operating: 10 to 85%, storage: 5 to 95% (noncondensing)
Power	Power requirements: AC: 110 (85 to 130) or 240 (170 to 260) VAC; 47 to 63Hz DC: -41 to -72 VDC 1000W / 3415 Btus for one SCM blade (DPI processing) configuration or 1600W / 5464 Btus for two SCM blades configuration
Cooling and Airflow	Redundant cooling fans
Regulatory compliance	EMC: FCC Part 15 (CFR 47) Class A, ICES-003 Class A, EN55022 Class A, CISPR22 Class A, AS/NZS CISPR22 Class A, VCCI Class A, EN55024, ETS300 386, EN50082-1, EN61000-3-2, EN61000-3-3 Regulatory Compliance: UL 60950, IEC 60825-1, -2, IEC 60950, EN 60950, EN 60825-1, -2, CAN/CSA-C22.2 No. 60950-00, AS/NZS 3260-1993, 21CFR1040
Safety and environmental standards compliance	Under certification process of GR-63-Core NEBS Level 3 and GR-1089-Core NEBS Level 3 ETSI 300 019 Storage Class 1.1, ETSI 300 019 Transportation Class 2.3 ETSI 300 019 Stationary Use Class 3.1
Minimum software release	Cisco Service Control Software release 3.1.6

The next steps...

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