

## C1-X45-SUP8L-E/2 Datasheet

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### Overview

Cisco One Catalyst 4500 E-Series Redundant Supervisor 8L-E

### Specification

#### C1-X45-SUP8L-E/2 Specification

General	
Device Type	Control processor
Weight	6.48 lbs
Processor / Memory / Storage	
Processors Installed	1 x 1.8 GHz
RAM	4 GB SDRAM
Flash Memory	2 GB
Networking	
Form Factor	Plug-in module
Connectivity Technology	Wired
Remote Management Protocol	RMON 1, RMON 2
Performance	Switching capacity: 560 Gbps   Per-slot switching capacity: 48 Gbps   Layer 2 bridging: 225 Mpps   IPv4 routing: 225 Mpps   IPv6 routing: 110 Mpps
Capacity	Flexible NetFlow entries: 128000   IPv4 routing table entries: 64000   IPv6 routing table entries: 32000   Queues per port: 8   QoS hardware entries: 64000   DHCP snooping entries: 12000   MAC addresses: 55000   Active VLANs: 4094   ARP entries: 47000   Spanning Tree Protocol instances: 12000   Switched virtual interfaces (SVIs): 4094   SPAN bidirectional sessions: 8
Features	VLAN support, IPv6 support, Non-Stop Forwarding (NSF), Stateful switchover (SSO), Virtual Route Redundancy Protocol (VRRP) support, Access Control List (ACL) support, Quality of Service (QoS), PoE+, IPv4 support, Hot Standby Router Protocol (HSRP) support, Energy Efficient Ethernet, Virtual Routing and Forwarding (VRF), universal power over Ethernet (UPOE), Flexible NetFlow (FNF), 802.1x authentication, MACsec support, In-Service Software Upgrade (ISSU), Virtual Switching System (VSS), integrated Wireshark, TrustSec support, Field Programmable Gate Array, dynamic hardware route table allocations
Compliant Standards	IEEE 802.3, IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.3ae, IEEE 802.1s, IEEE 802.3az
Communications	
Supported Flash Memory Cards	SD Memory Card
Expansion / Connectivity	

## C1-X45-SUP8L-E/2 Specification

Interfaces	1 x 1000Base-T (management) - RJ-45   1 x console - RJ-45   1 x USB - Type A   1 x USB - Type B   4 x 10GBase-SX - SFP+
Miscellaneous	
MTBF	491,750 hours
Compliant Standards	Plug and Play, CISPR 22 Class A, CISPR 24, EN55024, EN55022 Class A, AS/NZS 60950-1, ICES-003 Class A, UL 60950-1, IEC 60950-1, EN 60950-1, RoHS, CAN/CSA C22.2 No. 60950-1, GR-1089-CORE, VCCI Class A, KN24, GR-63-CORE, KN22 Class A, EN 300386, AS/NZS CISPR 22, EN61000-3-2, EN61000-3-3, FCC CFR47 Part 15 A, ETS 300 019-2-1 Class 1.2, ETS 300 019-2-2 Class 2.3, ETS 300 019-2-3 Class 3.2
Power	
Power Over Ethernet (PoE) Supported	UPOE
Power Redundancy	Yes
Power Provided	240 Watt
Environmental Parameters	
Min Operating Temperature	32 °F
Max Operating Temperature	104 °F
Humidity Range Operating	10 - 90% (non-condensing)

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