

C1-C6824-X-LE-40G Datasheet

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Overview

Cisco ONE Catalyst 6824-X-Chassis and 2x40G Standard Tables

Specification

C1-C6824-X-LE-40G Specification

General	
Device Type	Switch - 24 ports - L3 - managed
Enclosure Type	Desktop, rack-mountable 2U
Subtype	10 Gigabit Ethernet
Ports	24 x 1 Gigabit / 10 Gigabit SFP+ + 2 x 40 Gigabit QSFP+ (breakout compatible)
Performance	Forwarding performance: up to 120 Mpps Switching capacity (full duplex): up to 160 Gbps IPv4 routing: up to 120 Mpps IPv6 routing: up to 60 Mpps Layer 2 bridging: up to 120 Mpps
Capacity	IPv4 routes: 256000 IPv6 routes: 128000 NetFlow entries: 1000000 IPv4 routes (Multicast): 128000 IPv6 routes (Multicast): 64000 Virtual interfaces (VLANs): 4094 Domains: 16000 ACL entries: 64000 Logical interfaces: 128000
MAC Address Table Size	128K entries
Jumbo Frame Support	9216 bytes
Routing Protocol	GRE
Features	NAT support, MPLS support, IGMP snooping, High Availability, Access Control List (ACL) support, Virtual Route Forwarding-Lite (VRF-Lite), MLD snooping, NetFlow, Virtual Private LAN Service (VPLS), Label Distribution Protocol (LDP), Location ID Separation Protocol (LISP), LISP Across Subnet Mode (ASM), Instant Access (IA), Virtual Switching System (VSS)
Compliant Standards	IEEE 802.1ae
RAM	4 GB
Expansion / Connectivity	
Interfaces	24 x 10GBase-X SFP+ 1 x management (LAN) RJ-45 1 x console RJ-45 1 x USB Type A 1 x mini-USB Type B
Power	
Power Device	Internal power supply - hot-plug
Installed Qty	0 (installed) / 2 (max)
Power Redundancy	Optional

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Power Redundancy Scheme	1+1 (with optional power supply)
Miscellaneous	
Compliant Standards	NEBS level 3, CISPR 22 Class A, EN 60950, IEC 60950, EN55024, EN55022 Class A, UL 60950, EN50082-1, EN 61000-6-1, AS/NZS 3548 Class A, AS/NZS 60950, GR-1089-CORE, CAN/CSA C22.2 No. 60950, VCCI Class A, ETS 300 386, ETS300019-2-3, FCC CFR47 Part 15 A
Dimensions & Weight	
Width	17.4 in
Depth	21.8 in
Height	3.5 in
Weight	34.83 lbs
Manufacturer Warranty	
Service & Support	Limited warranty - advance parts replacement - 1 year - response time: 10 days
Environmental Parameters	
Min Operating Temperature	32 °F
Max Operating Temperature	104 °F
Humidity Range Operating	5 - 90% (non-condensing)
Min Storage Temperature	-4 °F
Max Storage Temperature	149 °F
Humidity Range Storage	5 - 95% (non-condensing)

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