

Thuyết minh thông số kỹ thuật Switch L2 Cisco WS-C2960X-24PS-L

Performance & Bandwidth thông số Switch WS-C2960X-24PS-L - managed - 24 10/100/1000 Gigabit Ethernet ports PoE, 4 1G SFP uplink ports	
Mã	WS-C2960X-24PS-L
Device Type	Switch - 24 ports - managed - stackable
Enclosure Type	Desktop, rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	24 x 10/100/1000 (PoE+) + 4 x Gigabit SFP
Power Over Ethernet (PoE)	PoE+
PoE Budget	370 W
Performance	Switching capacity: 216 Gbps Forwarding performance (64-byte packet size): 71.4 Mpps
Capacity	Virtual interfaces (VLANs): 1023
Jumbo Frame Support	9216 bytes
Max Units In A Stack	8
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, HTTP, TFTP, SSH, CLI
Authentication Method	Kerberos, Secure Shell (SSH), RADIUS, TACACS+
Features	Layer 2 switching, DHCP support, power over Ethernet (PoE), auto-negotiation, ARP support, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Intrusion Detection System (IDS), IPv6 support, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, Dynamic Trunking Protocol (DTP) support, Port Aggregation Protocol (PAgP) support, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, RADIUS support, SSH support, Jumbo Frames support, MLD snooping, Dynamic ARP Inspection (DAI), PoE+, Cisco EnergyWise technology, Unicast Reverse Path Forwarding (URPF), Uni-Directional Link Detection (UDLD), Rapid Per-VLAN Spanning Tree Plus (PVRST+), IPv4 support, Shaped Round Robin (SRR), Link Aggregation Control Protocol (LACP), MAC Address Notification, Remote Switch Port Analyzer (RSPAN), NetFlow, Hot Standby Router Protocol (HSRP) support, Energy Efficient Ethernet, Multicast VLAN Registration (MVR), Class of Service (CoS), Cisco FlexStack Plus
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.3ae, IEEE 802.1s, IEEE 802.1ae, IEEE 802.1ab (LLDP), IEEE 802.3at, IEEE 802.3az, IEEE 802.1AX
Processor	: 600 MHz
RAM	512 MB
Flash Memory	128 MB
Status Indicators	Port status, port transmission speed, port duplex mode, system, RPS (Redundant Power Supply), PoE, link/activity
Expansion / Connectivity	
Interfaces	24 x 1000Base-T 10Base-T/100Base-TX/1000Base-T - RJ-45 - RJ-45 PoE+ - 30 W 1 x console console - RJ-45 - RJ-45 1 x mini-USB console - mini-USB Type B - Type B management 2 x USB Type A 1 x 1000Base-TX 10Base-T/100Base-TX - RJ-45 - RJ-45 management 4 x SFP (mini-GBIC) - SFP uplink
Expansion Slots	1 (total) / 1 (free) x Stacking Module slot
Manufacturer Warranty	
Service & Support	Limited warranty - advance parts replacement - lifetime - response time: next business day Technical support - consulting - 90 days
Miscellaneous	
MTBF	324,280 hours
Compliant Standards	CISPR 22 Class A, BSMI CNS 13438 Class A, CISPR 24, EN 61000-3-2, EN 61000-3-3, EN55024, AS/NZS 60950-1, ICES-003 Class A, RoHS, FCC CFR47 Part 15, UL 60950-1 Second Edition, CSA C22.2 No. 60950-1 Second Edition, EN 60950-1 Second Edition, IEC 60950-1 Second Edition, Directive 2011/65/EU, VCCI Class A, KN24, KN22 Class A, EN 55022 Class A, EN 300 386
Power	
Power Device	Internal power supply
Power Redundancy	Optional
Voltage Required	AC 120/230 V (50/60 Hz)

Features	Redundant Power System (RPS) connector
Software / System Requirements	
Software Included	Cisco IOS LAN Base
Environmental Parameters	
Min Operating Temperature	23 °F
Max Operating Temperature	113 °F
Humidity Range Operating	10 - 95% (non-condensing)
Min Storage Temperature	-13 °F
Max Storage Temperature	158 °F
Humidity Range Storage	10 - 95% (non-condensing)
Dimensions & Weight	
Width	17.5 in
Depth	14.5 in
Height	1.8 in
Weight	12.79 lbs