

Thuyết minh thông số kỹ thuật Switch Layer 3 Cisco WS-C3850-24S-S

Performance & Bandwidth thông số Cisco Catalyst WS-C3850-24S-E Switch - L3 - managed - 24 x Gigabit SFP - desktop, rack-mountable	
Mã	WS-C3850-24S-E
Device Type	Switch - 24 ports - L3 - managed - stackable
Enclosure Type	Desktop, rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	24 x Gigabit SFP
Performance	Switching capacity: 92 Gbps Stacking bandwidth: 480 Gbps Forwarding performance: 68.4 Mpps
Capacity	IPv4 routes: 24000 NetFlow entries: 24000 Switched virtual interfaces (SVIs): 1000
MAC Address Table Size	32000 entries
Jumbo Frame Support	9198 bytes
Routing Protocol	BGP-4, IS-IS, RIP-1, RIP-2, EIGRP, PIM-SM, EIGRP for IPv6, OSPFv3, PIM-SSM, RIPng
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, Telnet, SNMP 3, SNMP 2c, SSH, CLI
Authentication Method	Kerberos, Secure Shell (SSH), RADIUS, TACACS+
Features	Auto-negotiation, ARP support, trunking, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Syslog support, IPv6 support, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Dynamic Trunking Protocol (DTP) support, Port Aggregation Protocol (PAgP) support, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, Quality of Service (QoS), RADIUS support, Virtual Route Forwarding-Lite (VRF-Lite), MLD snooping, Dynamic ARP Inspection (DAI), STP Root Guard, Uni-Directional Link Detection (UDLD), Rapid Per-VLAN Spanning Tree Plus (PVRST+), IPv4 support, Shaped Round Robin (SRR), Link Aggregation Control Protocol (LACP), Remote Switch Port Analyzer (RSPAN), layer 3 load balancing, Energy Efficient Ethernet, Cisco StackWise-480 technology, Cisco StackPower technology, Flexible NetFlow (FNF)
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s
RAM	4 GB
Flash Memory	2 GB
Status Indicators	Port transmission speed, port duplex mode, system, status, PoE
Expansion / Connectivity	
Interfaces	24 x 1000Base-X SFP 1 x USB Type A 1 x management (mini-USB) Type B 1 x management (RS-232) RJ-45 1 x management (Gigabit LAN) RJ-45 2 x network stack device
Expansion Slots	1 (total) / 1 (free) x expansion slot
Manufacturer Warranty	
Service & Support	Limited warranty - advance parts replacement - lifetime - response time: next business day Technical support - consulting - 90 days
Miscellaneous	
MTBF	300,762 hours
Compliant Standards	CISPR 22 Class A, GOST, CISPR 24, EN 61000-3-2, NOM, EN 61000-3-3, EN55024, ICES-003 Class A, FCC CFR47 Part 15, UL 60950-1 Second Edition, KCC, RoHS, ISO 7779, CSA C22.2 No. 60950-1 Second Edition, EN 60950-1 Second Edition, IEC 60950-1 Second Edition, VCCI Class A, KN24, CNS 13438(95) Class A, KN22 Class A, AS/NZS CISPR 22, EN 55022 Class A
Power	
Power Device	Internal power supply
Installed Qty	1 (installed) / 2 (max)
Power Redundancy	Optional
Power Redundancy Scheme	1+1 (with optional power supply)
Power Provided	350 Watt
Voltage Required	AC 120/230 V (50/60 Hz)
Software / System Requirements	
Software Included	Cisco IOS IP Services

Environmental Parameters	
Min Operating Temperature	23 °F
Max Operating Temperature	113 °F
Humidity Range Operating	10 - 95% (non-condensing)
Min Storage Temperature	-40 °F
Max Storage Temperature	158 °F
Dimensions & Weight	
Width	17.5 in
Depth	17.7 in
Height	1.8 in
Weight	15.5 lbs