

## Thuyết minh thông số kỹ thuật Switch Layer 3 Cisco WS-3650-24TS-S

Performance & Bandwidth thông số Switch L3 - managed - 24 x 10/100/1000 + 4 x SFP- rack-mountable	
Mã	WS-C3650-24TS-S
Device Type	Switch - 24 ports - L3 - managed - stackable
Enclosure Type	Desktop, rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	24 x 10/100/1000 + 4 x SFP
Performance	Switching capacity: 88 Gbps   Forwarding performance: 65.47 Mpps
Capacity	IPv4 routes: 24000   NetFlow entries: 24000   Virtual interfaces (VLANs): 1000   Switched virtual interfaces (SVIs): 1000
MAC Address Table Size	32000 entries
Jumbo Frame Support	9198 bytes
Routing Protocol	OSPF, RIP-1, RIP-2, static IP routing, RIPng
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, SSH, CLI
Authentication Method	Secure Shell (SSH), RADIUS, TACACS+
Features	Layer 2 switching, ARP support, trunking, VLAN support, IGMP snooping, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Port Aggregation Protocol (PAgP) support, Access Control List (ACL) support, Quality of Service (QoS), RADIUS support, MLD snooping, Dynamic ARP Inspection (DAI), EIGRP Stub Routing, Uni-Directional Link Detection (UDLD), Rapid Per-VLAN Spanning Tree Plus (PVRST+), Link Aggregation Control Protocol (LACP), Remote Switch Port Analyzer (RSPAN), Energy Efficient Ethernet, 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, IEEE 802.1ab (LLDP)
RAM	4 GB
Flash Memory	2 GB
Status Indicators	Port transmission speed, port duplex mode, system, active, status
Expansion / Connectivity	
Interfaces	24 x 1000Base-T RJ-45   1 x USB Type A   1 x serial (console) RJ-45 management   1 x management (Gigabit LAN) RJ-45 management   1 x management (mini-USB) Type B management   4 x 1000Base-X SFP uplink
Expansion Slots	1 (total) / 1 (free) x Stacking Module slot
Manufacturer Warranty	
Service & Support	Limited warranty - replacement - lifetime - response time: next business day   Technical support
Miscellaneous	
Rack Mounting Kit	Included
MTBF	661,800 hours
Compliant Standards	CISPR 22 Class A, GOST, BSMI CNS 13438 Class A, CISPR 24, EN 61000-3-2, NOM, EN 61000-3-3, EN55024, EN55022 Class A, ICES-003 Class A, RoHS, UL 60950-1 Second Edition, KCC, FCC Part 15 A, ISO 7779, CSA C22.2 No. 60950-1 Second Edition, EN 60950-1 Second Edition, IEC 60950-1 Second Edition, VCCI Class A, KN24, KN22 Class A
Power	
Power Device	Internal power supply - hot-plug
Installed Qty	1 (installed) / 2 (max)
Power Redundancy	Optional
Power Redundancy Scheme	1+1 (with optional power supply)
Power Provided	250 Watt
Voltage Required	AC 120/230 V (50/60 Hz)
Software / System Requirements	
Software Included	Cisco IOS IP Base

Environmental Parameters	
Min Operating Temperature	23 °F
Max Operating Temperature	113 °F
Humidity Range Operating	5 - 96% (non-condensing)
Min Storage Temperature	-40 °F
Max Storage Temperature	158 °F
Dimensions & Weight	
Width	17.5 in
Depth	17.6 in
Height	1.7 in
Weight	15.15 lbs