

## Thuyết minh thông số kỹ thuật Switch Juniper EX2300-48P

Performance & Bandwidth thông số EX2300-48P Switch - L3 - managed - 48 x 10/100/1000 (PoE+) + 4 x Gigabit SFP / 10 Gigabit SFP+ - side to side airflow - desktop, rack-mountable - PoE+ (740 W)	
Mã	EX2300-48P
Device Type	Switch - 48 ports - L3 - managed
Enclosure Type	Side to side airflow desktop, rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 (PoE+) + 4 x Gigabit SFP / 10 Gigabit SFP+
Power Over Ethernet (PoE)	PoE+
PoE Budget	740 W
Performance	Switching capacity: 176 Gbps   Throughput: 130 Mbps   Backplane speed: 80 Gbps
Capacity	QoS hardware queues per port: 8   Maximum number of concurrent sessions: 4   ARP entries: 1500   IPv4 route prefixes: 512   Host IPv4 routes: 4096   IPv4 routes (Multicast): 2048   Layer 3 multicast groups: 2048   IPv6 neighbor table entries: 1500   IPv6 route prefixes: 512   Host IPv6 routes: 2048   IPv6 routes (Multicast): 1024   Firewall egress filters: 256   Firewall ingress filters: 256   Access Control Entries (ACEs) per ACL: 2000   LAG groups: 128   Maximum member ports per LAG: 8   IGMP snooping entries: 2000   VSTP instances: 253   VLAN groups: 4093
MAC Address Table Size	16000 entries
Jumbo Frame Support	9216 bytes
Routing Protocol	OSPF, RIP-1, RIP-2, IGMPv2, IGMP, OSPFv2, PIM-SM, static IP routing, PIM-DM, IGMPv3, PIM-SSM, MLDv2, MLD, CIDR
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, SNMP, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, HTTP, HTTPS, TFTP, SSH, SSH-2, CLI, NTP
Encryption Algorithm	MD5, TLS, PEAP, TTLS
Authentication Method	RADIUS, TACACS+, Secure Shell v.2 (SSH2), Extensible Authentication Protocol (EAP)
Features	Flow control, BOOTP support, RARP support, ARP support, VLAN support, auto-uplink (auto MDI/MDI-X), DoS attack prevention, port mirroring, store and forward, High Availability, SNTP support, Weighted Random Early Detection (WRED), sFlow, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, VLAN Stacking, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Access Control List (ACL) support, Quality of Service (QoS), IP Precedence, RADIUS support, DHCP server, MLD snooping, DHCP proxy, Dynamic ARP Inspection (DAI), temperature sensor, Redundant trunk group (RTG), Per-VLAN Spanning Tree Plus (PVST+), Cable Diagnostics Function, LACP support, DHCP relay, Link Aggregation Control Protocol (LACP), port based access control, port configuration, DHCP client, Energy Efficient Ethernet, Management Information Base (MIB), Multiple VLAN Registration Protocol (MVRP), Neighbor Discovery Protocol (NDP), VLAN Spanning Tree Protocol (VSTP), NTP time synchronization, static routing, Class of Service (CoS), Strict Priority (SP), tagged VLAN, Captive Portal, 802.1x authentication, Ethernet over IP (EtherIP), VoIP support, DiffServ Code Point (DSCP) support, Smoothed Deficit Weighted Round Robin (SDWRR), Uplink Failure Detection (UFD), system log, Weighted Tail Drop (WTD), Internet Control Message Protocol (ICMP), ICMP Router Discovery Protocol (IRDP), Secure Copy (SCP), Link Aggregation, Management Information Base (MIB) II, MAC address authentication, Voice VLAN, LLDP-MED, RA guard, proxy ARP, DHCP Helper, DSCP Trust, DSCP Marking, traffic monitoring, Telnet server, Telnet client
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 802.1s, IEEE 802.1ad, IEEE 802.1ab (LLDP), IEEE 802.1ak, IEEE 802.3at, IEEE 802.1BR
Processor	1 x ARM: 1.25 GHz
RAM	2 GB
Flash Memory	2 GB
Expansion / Connectivity	
Interfaces	48 x 1000Base-T RJ-45 PoE+ - 30 W   4 x 10Gbit LAN SFP+ uplink   1 x mini-USB management
Manufacturer Warranty	
Service & Support	Limited warranty - lifetime   New releases update - lifetime   Technical support - 90 days
Miscellaneous	
Compliant Standards	TUV GS, CISPR 22 Class A, cUL, EN55024, ICES-003 Class A, UL 60950-1 Second Edition, RoHS, EN 60825-1, ISO 7779, EN 60950-1 Second Edition, VCCI Class A, EN 55022 Class A, FCC CFR47 Part 15 A, CAN/CSA C22.2 No. 60950-1 Second Edition, CB 60950-1, AS/NZS CISPR22 Class A, EN 300386
Power	
Power Device	Internal power supply
Power Consumption Operational	100 Watt
Environmental Parameters	
Min Operating Temperature	32 °F

Max Operating Temperature	113 °F
Humidity Range Operating	10 - 85% (non-condensing)
Min Storage Temperature	-40 °F
Max Storage Temperature	158 °F
Humidity Range Storage	0 - 95% (non-condensing)
Dimensions & Weight	
Width	17.4 in
Depth	12.2 in
Height	1.8 in
Weight	11.07 lbs