

Technical Specifications for 24 Port Managed Switches

Interface	Size	Standard Rack-Mount Width,1U Height
	Description	24 10/100 BASE-TX RJ45 Ports
		2 100/1000 SFP
		2 Combo 10/100/1000BASE/SFP
	Console Port	RJ45 Console Port
Performance	Switching Capacity	At least 12.8 Gbps
	64 -byte Max. Forwarding Rate	At least 9.5 Mbps
	Mac Address Table-Size	At least 8K
	SDAM for CPU	At least 64MB
	Packet Buffer	At least 1024 KB
	Flash Memory	At least 16MB
	Jumbo Frame	384MB
Software Features		
L2 Features	<ul style="list-style-type: none"> • MAC Address Table: 16k • Flow Control: - 802.3x, Flow Control - HoL Blocking Prevention • Loopback Detection • Port Mirroring: - Supports 1 Mirroring group - Supports One-to-One, Many-to-One, Flow-based (ACL) Mirroring • Ethernet Ring Protection Switching (ERPS) • L2 Protocol Tunnelling • Ports should have auto sensing, auto negotiation and must have multi-function LEDs for port status 	
VLAN	<ul style="list-style-type: none"> • 802.1Q Tagged VLAN • VLAN Group: Max.4K • Port-based VLAN • MAC-based VLAN 	
Ventilation	Smart fans (Desirable)	
Accessories	Shall be supplied with all software's and licenses.	
Protocols	IPv4, IPv6, static routes	
Warranty	3 Year Warranty	

Technical Specifications for 24 Port Unmanaged Switches

Interface	Size	Standard Rack-Mountable Width,1U Height
	Description	24 Port Gigabit Switch
		10BASE-T, 100BASE-TX & 1000BASE-T
Performance	Switch Forwarding Capacity	48 Gbps or higher
	Transmission Method	Store and Forward
	Mac Address Table-Size	8K
	SDAM for CPU	At least 64MB
	Packet Buffer Memory	At least 500KB Buffer per device
	Flash Memory	At least 16MB
	Jumbo Frame	384MB
Environmental	RoHS Compliant	
Power Supply	100-240VAC, 50/60 Hz Internal Universal Power	
Ventilation	Smart fans (Desirable)	
Accessories	Shall be supplied with all software's and licenses.	
Protocols (IEEE)	802.3 Ethernet, 802.3u Fast Ethernet, 802.3x Flow Control, 802.3ab Gigabit Ethernet, 802.1p Priority Queuing	
Warranty	At least 3 Year Warranty	