



DELL PowerConnect 6248 Managed L3 Power over Ethernet (PoE) 1U Black

Brand : DELL

Product family: PowerConnect Product code: PC6248P

Product name : 6248



6248p - 48 Ports, L3, Gigabit Ethernet, 4 SFP, 184 Gb/s, 8000 MAC, 6060g, Black

DELL PowerConnect 6248. Switch type: Managed, Switch layer: L3. Basic switching RJ-45 Ethernet ports quantity: 48. MAC address table: 8000 entries, Switching capacity: 184 Gbit/s. Networking standards: IEEE 802.1ab, IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1w, IEEE 802.1x, IEEE 802.2, IEEE... Power over Ethernet (PoE). Rack mounting, Form factor: 1U

Management features		Multicast features	
Switch type *	Managed	Multicast support	✓
Switch layer	L3	Protocols	
Quality of Service (QoS) support	✓	Management protocols	SNMPv1/v2c/v3
System event log	✓	Supported network protocols	RIP, OSPF v1/v2/v3, CIDR, ICMP, IRDP, VRRP, ARP, IGMP v2, DVMRP, Telnet, HTTP
MIB support	MIB II, Bridge MIB, SMIV2, E-like MIB, RMON, TCP, UDP, ENTITY, RMON	Design	
Ports & interfaces		Rack mounting *	✓
Basic switching RJ-45 Ethernet ports quantity *	48	Stackable *	✓
SFP/SFP+ slots quantity	4	Form factor	1U
SFP module slots quantity	4	Product colour	Black
Network		Performance	
Networking standards *	IEEE 802.1ab, IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1w, IEEE 802.1x, IEEE 802.2, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ac, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3ak, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Memory type	SDRAM
Port mirroring	✓	Internal memory	256 MB
IP routing	✓	Flash memory	32 MB
Flow control support	✓	Power	
Link aggregation	✓	AC input voltage	100 - 240 V
Broadcast storm control	✓	AC input frequency	50 - 60 Hz
Rate limiting	✓	Power over Ethernet (PoE)	
Auto MDI/MDI-X	✓	Power over Ethernet (PoE) *	✓
Spanning tree protocol	✓	Operational conditions	
Number of VLANs	1024	Operating temperature (T-T)	0 - 45 °C
Data transmission		Storage temperature (T-T)	-20 - 70 °C
Supported data transfer rates	10/100/1000 Mbps	Operating relative humidity (H-H)	10 - 90%
Switching capacity *	184 Gbit/s	Storage relative humidity (H-H)	10 - 95%
MAC address table *	8000 entries	Weight & dimensions	
Number of queues	8	Width	440 mm
Maximum data transfer rate	1 Gbit/s	Depth	387 mm
Security		Height	43.2 mm
DHCP features	DHCP server, DHCP client	Weight	6.06 kg
IGMP snooping	✓	Other features	
Security algorithms	HTTPS, SSH, SSH-2	Connectivity technology	Wired
SSH/SSL support	✓	Packet transfer speed	95 mpps
		Cabling technology	Gigabit Ethernet

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