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Managed PoE+ Gigabit Switches with SFP

Models: US-8-150W, US-16-150W, US-24-250W,
US-24-500W, US-48-500W, US-48-750W

Non-Blocking Throughput Switching Performance

Gigabit Ethernet RJ45 and SFP+/SFP Ports

Auto-Sensing IEEE 802.3af/at PoE



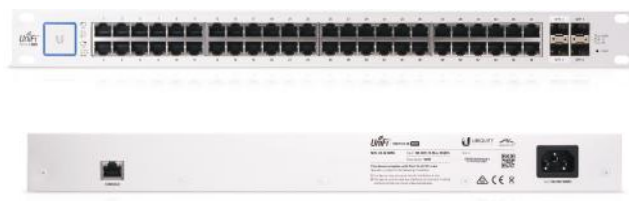
Model: US-24-500W

- (24) Gigabit RJ45 Ports
- (2) SFP Ports
- (1) Serial Console Port
- Non-Blocking Throughput: 26 Gbps
- Switching Capacity: 52 Gbps
- Forwarding Rate: 38.69 Mpps
- Maximum Power Consumption: 500W
- Supports POE+ IEEE 802.3at/af and 24V Passive PoE
- Rack-Mountable



Model: US-48-500W

- (48) Gigabit RJ45 Ports
- (2) SFP+ Ports
- (2) SFP Ports
- (1) Serial Console Port
- Non-Blocking Throughput: 70 Gbps
- Switching Capacity: 140 Gbps
- Forwarding Rate: 104.16 Mpps
- Maximum Power Consumption: 500W
- Supports POE+ IEEE 802.3at/af and 24V Passive PoE
- Rack-Mountable



Model: US-48-750W

- (48) Gigabit RJ45 Ports
- (2) SFP+ Ports
- (2) SFP Ports
- (1) Serial Console Port
- Non-Blocking Throughput: 70 Gbps
- Switching Capacity: 140 Gbps
- Forwarding Rate: 104.16 Mpps
- Maximum Power Consumption: 750W
- Supports POE+ IEEE 802.3at/af and 24V Passive PoE
- Rack-Mountable



Model Comparison Chart

	US-8-150W	US-16-150W	US-24	US-24-250W US-24-500W	US-48	US-48-500W US-48-750W
Gigabit RJ45 Ports	8	16	24	24	48	48
SFP Ports	2	2	2	2	2	2
SFP+ Ports					2	2
802.3af/at PoE+	✓	✓		✓		✓
24V Passive PoE	✓	✓		✓		✓
Sound Level	34 dBa (fanless)	34-37 dBa	34-37 dBa	38-47 dBa 40-53 dBa	34-37 dBa	40-47 dBa 40-48 dBa

Hardware Specifications

US-48-500W				
Dimensions	485 x 43.7 x 374.6 mm (19.09 x 1.72 x 14.75")			
Weight	6.1 kg (13.5 lb)			
Networking Interfaces	(48) 10/100/1000 Mbps RJ45 Ethernet Ports (2) 1/10 Gbps SFP+ Ethernet Ports (2) 1 Gbps SFP Ethernet Ports			
Management Interface	(1) RJ45 Serial Port Out-of-Band, Ethernet In-Band			
Total Non-Blocking Throughput	70 Gbps			
Switching Capacity	140 Gbps			
Forwarding Rate	104.16 Mpps			
Power Method	100-240VAC/50-60 Hz, Universal Input			
Power Supply	AC/DC, Internal, 500W DC			
Max. Power Consumption	Including PoE Output		Excluding PoE Output	
	500W		64W	
LEDs Per Port	RJ45 Data Ports		SFP Data Ports	
	PoE, Speed/Link/Activity		Speed/Link/Activity	
Sound Level	Fan Level 0	Fan Level 1	Fan Level 2	Fan Level 3
	40 dBa	43 dBa	45 dBa	47 dBa
ESD/EMP Protection	Air: ± 24 kV, Contact: ± 24 kV			
Shock and Vibration	ETSI300-019-1.4 Standard			
Operating Temperature	-5 to 40° C (23 to 104° F)			
Operating Humidity	5 to 95% Noncondensing			
Certifications	CE, FCC, IC			

PoE Per Port	
PoE Interfaces	POE+ IEEE 802.3af/at (Pins 1, 2+; 3, 6-) 24VDC Passive PoE (Pins 4, 5+; 7, 8-)
Max. PoE+ Wattage per Port by PSE	34.2W
Voltage Range 802.3at Mode	50–57V
Max. Passive PoE Wattage per Port	17W
24V Passive PoE Voltage Range	20-27V