

## Technical Specifications

### Mechanical

<b>Dimensions</b>	325.1 x 160 x 43.7 mm (12.8 x 6.3 x 1.7")
<b>Weight</b>	2.1 kg (4.6 lb)
<b>Enclosure material</b>	SGCC steel

### Hardware

<b>Management interface</b>	Ethernet In-Band
<b>Networking interface</b>	(12) GbE RJ45 ports (4) 1/2.5 GbE RJ45 ports (2) 10G SFP+ ports
<b>PoE interface</b>	(12) PoE/PoE+ (Pins 1, 2+; 3, 6-) (4) 60W PoE++ (Pair A 1, 2+; 3, 6-) (Pair B 4, 5+; 7, 8-)
<b>Total non-blocking throughput</b>	42 Gbps
<b>Switching capacity</b>	84 Gbps
<b>Forwarding rate</b>	62.496 Mpps
<b>Power method</b>	DC adapter
<b>Power supply</b>	54V, 210W
<b>Max. power consumption</b>	30W (Excluding PoE output)
<b>Total available PoE</b>	180W
<b>Max. PoE wattage per port by PSE</b>	PoE: 15.4W PoE+: 30W PoE++: 60W
<b>Voltage range PoE mode</b>	PoE: 44—57V PoE+/PoE++: 50—57V
<b>LCM display</b>	(1) 1.3" touchscreen
<b>Button</b>	Factory reset
<b>Ambient operating temperature</b>	-5 to 40° C (23 to 104° F)
<b>Ambient operating humidity</b>	10 to 90% noncondensing
<b>Certifications</b>	CE, FCC, IC

### Switching Features

<b>Layer 2 features</b>	IGMP snooping STP / RSTP with priorities and port-level disable Port isolation Storm control Voice VLAN Port mirroring LACP port aggregation Multicast / broadcast rate limiting MAC address blocking Flow control 802.1X control Jumbo frames Proprietary loop protection DHCP snooping / guarding Egress rate limit LLDP-MED
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Port restricted by MAC  
Device isolation with ACLs

**Layer 3 features**

DHCP for locally-managed networks  
DHCP relay  
Inter-VLAN routing between networks on same switch  
Static routing between local networks  
Network isolation with ACLs

**Etherlighting™**

**Ethernet**

Locating  
Speed/link  
Native VLAN/network

**SFP+**

Locating  
Speed/link  
Native VLAN/network

**Application Requirements**

**UniFi Network**

Version 8.1.127 and later