

## Overview

|                |   |
|----------------|---|
| Dimensions     | 442 x 480 x 44 mm<br>(17.4 x 18.9 x 1.7") |
| Port Layout    |   |
| 2.5 GbE RJ45   | 16<br>(2.5G/1G/100M/10M)                  |
| 10 GbE RJ45    | 32<br>(10G/5G/2.5G/1G/100M/10M)           |
| 25G SFP28      | 4<br>(25G/10G/1G)                         |
| Redundancy     | DC Power Backup                           |
| Layer 3        | ✓   |
| Form Factor    | Rack mount (1U)                           |
| Etherlighting™ | ✓   |

## Performance

|                               |          |
|-------------------------------|----------|
| Switching Capacity            | 920 Gbps |
| Total Non-Blocking Throughput | 460 Gbps |
| Forwarding Rate               | 684 Mpps |
| Supported VLANs               | 1,000    |
| MAC Address Table Size        | 128,000  |
| L3 Table Size                 |          |
| ARP Entries                   | 128,000  |
| IPv4 Routes                   | 256,000  |

|                    |      |
|--------------------|------|
| IPv4 Static Routes | 512  |
| Packet Buffer Size | 8 MB |
| Access Lists       |      |
| IPv4               | 256  |
| MAC                | 256  |

### **Layer 3 Features**

|                                     |   |
|-------------------------------------|---|
| DHCP Server (Local Networks)        | ✓ |
| DHCP Relay                          | ✓ |
| Inter-VLAN Routing (Local Networks) | ✓ |
| Static Routing (Local Networks)     | ✓ |

### **Layer 2 Features**

|  |   |
|--|---|
| LACP Port Aggregation  | ✓ |
| STP & RSTP   | ✓ |
| Advanced IGMP Configuration (Querier, Fast Leave, Router Port) | ✓ |
| IGMP Snooping  | ✓ |
| 802.1X Control   | ✓ |
| MAC-Based ACLs & Device Isolation                              | ✓ |
| DHCP Snooping & Guarding                                       | ✓ |
| Egress Rate Limit  | ✓ |
| Flow Control   | ✓ |

|                                     |   |
|-------------------------------------|---|
| Storm Control                       | ✓ |
| Multicast & Broadcast Rate Limiting | ✓ |
| MAC Address Blocking                | ✓ |
| IP-Based ACLs & Network Isolation   | ✓ |
| MAC-Based Port Restriction          | ✓ |
| Port Isolation                      | ✓ |
| Port Mirroring                      | ✓ |
| Jumbo Frames                        | ✓ |
| LLDP-MED                            | ✓ |
| Voice VLAN                          | ✓ |
| Loop Protection                     | ✓ |
| Virtual Network Override            | ✓ |

## Hardware

|                         |   |
|-------------------------|---|
| Max. Power Consumption  | 250W  |
| Power Method            | (1) Universal input, 100–240V AC, 50/60 Hz<br>(1) USP RPS DC input                      |
| Power Input Method      | AC input  |
| Power Supply            | AC/DC, internal, 300W   |
| Supported Voltage Range | 100–240V AC   |
| Management              | Ethernet<br>AR  |
| Weight                  | Without mounting brackets: 7.5 kg (16.5 lb)<br>With mounting brackets: 7.6 kg (16.8 lb) |

|                               |   |
|-------------------------------|---|
| Enclosure Material            | SGCC steel  |
| Mount Material                | SGCC steel  |
| Supported Rack Depth          | 482.6 mm (19") four-post racks<br>Posts depths ranging from 600 to 1,066 mm<br>(23.6-42") |
| LCM Display                   | 1.3" touchscreen  |
| ESD Protection                | Air: $\pm 30\text{kV}$ , contact: $\pm 14\text{kV}$                                       |
| Ambient Operating Temperature | -5 to 40° C (23 to 104° F)  |
| Ambient Operating Humidity    | 10 to 90% noncondensing   |
| LEDs                          |   |
| RPS                           | ✓   |
| NDA Compliant                 | ✓   |
| Certifications                | CE, FCC, IC, Anatel: 06464-25-08356   |

## Software

### Application Requirements

|               |                           |
|---------------|---------------------------|
| UniFi Network | Version 9.0.114 and later |
|---------------|---------------------------|