



DataSheet

Overview

- **Dimensions:** 442 x 325 x 44 mm (17.4 x 12.8 x 1.7")
 - **Form Factor:** Rack mount (1U)
 - **Port Layout:**
 - 16 x 1 GbE RJ45 (8 PoE+; 8 PoE++)
 - 8 x 2.5 GbE RJ45 (All PoE++)
 - 2 x 10G SFP+
 - **Total PoE Availability:** 400W (Up to PoE++)
 - **Redundancy:** DC Power Backup
 - **Etherlighting™:** ✓
 - **Layer 3:** ✓
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Performance

- **Switching Capacity:** 112 Gbps
 - **Total Non-Blocking Throughput:** 56 Gbps
 - **Forwarding Rate:** 83 Mpps
 - **Supported VLANs:** 1,000
 - **MAC Address Table Size:** 16,000
 - **L3 Table Size:**
 - **ARP Entries:** 6,000
 - **Packet Buffer Size:** 1.5 MB
 - **Access Lists:**
 - **IPv4:** 128
 - **MAC:** 128
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Layer 3 Features

- **DHCP Server (Local Networks)**
 - **DHCP Relay**
 - **Inter-VLAN Routing (Local Networks)**
 - **Static Routing (Local Networks)**
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Layer 2 Features

- **LACP Port Aggregation**

- STP & RSTP
 - QoS (DSCP)
 - Pro AV Profiles (Play, Dante, Q-SYS, NDI, SDVoE, Shure, AES67, Crestron)
 - 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
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Hardware

- PoE Ports:
 - PoE+: 8
 - PoE++: 16
- Max. PoE Wattage per Port by PSE:
 - PoE: 15.4W
 - PoE+: 32W
 - PoE++: 64W
- Max. Power Consumption:
 - 50W: (Excluding PoE Output)
 - 450W: (Including PoE Output)
- Power Method:
 - (1) Universal input, 100—240V AC, 50/60 Hz
 - (1) USP RPS DC input
- Power Input Method: AC input
- Power Supply: AC/DC, internal, 550W
- Supported Voltage Range: 100—240V AC
- Management: Ethernet

- **Heat Dissipation (Excluding PoE Output): 119 BTU/hr**
 - **Weight:**
 - **Without mounting brackets: 5.1 kg (11.3 lb)**
 - **With mounting brackets: 5.2 kg (11.5 lb)**
 - **Enclosure Material: SGCC steel**
 - **Mount Material: SGCC steel**
 - **Supported Rack Depth: 400~1200 mm (15.7-47.2")**
 - **LCM Display: 1.3" touchscreen**
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Software

- **Application Requirements: UniFi Network Version 8.0.24 and later**
- **Certifications: CE, FCC, IC, Anatel**
- **NDAA Compliant: ✓**