ES206XPP-M2

Omada 5-Port 2.5G BASE-T and 1-Port 10GE SFP+ Easy Managed Switch with 4-Port PoE++



- 5× 2.5 Gbps RJ45 ports (4× 802.3af/at/bt-compliant PoE++)
- 1× 10 Gbps SFP+ slot
- 120W PoE budget, with up to 90W for each PoE port*
- Easy to Use: Supports plug-and-play for instant connectivity and simple configuration for additional features
- Centralized Cloud Management via the web or the Omada app†
- Automatic Loop Prevention, VLAN, Port Isolation, QoS△, and IGMP Snooping
- Fanless design for silent operation
- Durable metal casing and desktop/wall mounting design

HARDWARE FEATURES	
Interface	• 5× 2.5 Gbps RJ45 Ports (4× 802.3af/at/bt-compliant PoE++) • 1× 10 Gbps SFP+ Slot • Auto-Negotiation/Auto MDI/MDIX
Fan Quantity	Fanless
Installation	• Desktop • Wall Mount
Physical Security Lock	√
Power Supply	DC Power Adapter (Output: 53.5 VDC / 2.43 A)
PoE Ports (RJ45)	• Standard: 802.3af/at/bt PoE++ compliant • PoE Ports: 4 Ports • PoE Budget: 120W available for all PoE++ ports, 90W max per port • Fast PoE & Perpetual PoE • PoE Auto Recovery‡
Dimensions (W x D x H)	8.2 × 5.0 × 1.0 in (209 × 126 × 26 mm)
Surge Protection	±6 kV

PERFORMANCE	
Packet Buffer Memory	640 KB
Jumbo Frame	10 KB
Switching Capacity	45 Gbps
Packet Forwarding Rate	33.48 Mpps
MAC Address Table	16K

SOFTWARE FEATURES	
Quality of Service	• Port-based/802.1p/DSCP QoS • 8 Priority Queues • Priority Schedule Mode - WRR (Weighted Round Robin) • Queue Weight Config • Bandwidth Control - Port-Based Rating Limit • Storm Control - Multiple Control Modes (kbps/pps) - Broadcast/Multicast/Unknown-Unicast Control△
L2 Features	• Static Link Aggregation • Loop Prevention / Loopback Detection • Flow Control - 802.3x Flow Control • Mirroring - Port Mirroring - One-to-One - Many-to-One - Ingress/Egress/Both • Port Statistics - Port Mirror Status - Traffic Statistics • 802.1ab LLDP
L2 Multicast	• IGMP Snooping - IGMP v1/v2/v3 Snooping - Fast Leave
VLAN	• MTU VLAN • Port-Based VLAN • 802.1Q Tag VLAN - Max 32 VLAN Groups - 4K VID
Transmission Method	Store-And-Forward

MANAGEMENT FEATURES	
Omada App	Yes. Requires the use of Omada Hardware Controller, Omada Cloud-Based Controller, or Omada Software Controller.
Centralized Management	• Omada Cloud-Based Controller • Omada Hardware Controller • Omada Software Controller
Cloud Access	Yes. Requires the use of Omada Hardware Controller, Omada Cloud-Based Controller, or Omada Software Controller.
Zero-Touch Provisioning	Yes. Requires the use of Omada Cloud-Based Controller
Management Features	• Web-based GUI • DHCP Client • Cable Diagnostics • Automatic Device Discovery† • Batch Configuration† • Batch Firmware Upgrading† • Unified Configuration†

OTHERS	
Certification	FCC, CE, RoHS
Package Content	• ES206XPP-M2 • Power Adapter • Power Cord • Mounting Feet • Installation Guide
Environment	• Operating Temperature: -5℃~40℃ (23℉~104℉) • Storage Temperature: -40℃~70℃ (-40℉~158℉) • Operating Humidity: 10%~90% non-condensing • Storage Humidity: 5%~90% non-condensing

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