

HARDWARE FEATURES	
Interface	• 6× 10/100/1000 Mbps RJ45 Ports (Ports 1–4 Support 802.3af PoE and 802.3at PoE+) • Auto-Negotiation/Auto MDI/MDIX
Fan Quantity	Fanless
Installation	• Desktop • Wall Mount
Physical Security Lock	√
Power Supply	DC Power Adapter (Output: 53.5VDC / 1.31A)
PoE Ports (RJ45)	• Standard: 802.3af PoE and 802.3at PoE+ compliant • PoE Ports: 4 ports • PoE Budget: 65W available for all PoE+ ports, 30W max per port • Fast PoE & Perpetual PoE • PoE Auto Recovery[‡] • Up to 250m PoE transmission distance**
Dimensions (W x D x H)	6.2 × 4.0 × 1.0 in (158 × 101 × 25 mm)
Surge Protection	±6kV
PERFORMANCE	
Switching Capacity	12 Gbps
Packet Forwarding Rate	7.4 Mpps
MAC Address Table	8K
Packet Buffer Memory	4 Mbit
Jumbo Frame	15 KB
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

SOFTWARE FEATURES	
	- 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	• ES206GP • Power Adapter • Power Cord • Rubber Feet • Installation Guide
Environment	• Operating Temperature: -5°C~40°C (23°F~104°F) • Storage Temperature: -40°C~70°C (-40°F~158°F) • Operating Humidity: 10%~90% non-condensing • Storage Humidity: 5%~90% non-condensing

[For additional version information, please go to the support page.](#)

[†]These functions require the use of the Omada Controller. Zero-Touch Provisioning requires the use of the Omada Cloud-Based Controller (Omada Cloud Standard or Omada Cloud Essentials). Go to the [Omada Cloud-Based Controller \(Omada Cloud Standard\) Product List](#) or [Omada Cloud Essentials Product List](#) to find all the supported models.

[†]This switch supports PoE Auto Recovery under Standalone Mode (managed separately without a controller) and supports manual PoE Recovery under Controller Mode (centrally managed with a controller).

[△]QoS and Priority Mode are supported under Standalone Mode.

^{*}PoE budget calculations are based on laboratory testing. The actual PoE power budget is not guaranteed and will vary due to client limitations and environmental factors.

^{**}The speed of the ports that support 250m PoE transmission will be downgraded to 10 Mbps. Actual transmission distance may vary depending on the quality of the cables.

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