

PoE+ Switches

8-Port Business Desktop
Gigabit PoE+ Switch



16-Port Business Desktop
Gigabit PoE+ Switch

24-Port Business Gigabit PoE+ Switch



Key Features and Benefits

- Wired connection speed up to 1,000 Mbps
- 8, 16, or 24 Gigabit Ethernet autosensing ports
- Quality of Service (QoS) traffic prioritization
- Power over Ethernet Plus (PoE+) support
- Easy plug-and-play connection

Upgrade the data paths of your local wired network to information superhighways with Gigabit switches at the desktop. Accelerate your performance and productivity when you send large files to network servers, drives, and printers at Gigabit speed. Power over Ethernet Plus (PoE+) capability also carries electrical power to peripheral devices without the need for additional outlets.

Gigabit Performance

These unmanaged PoE+ switches offer Gigabit speeds to minimize transfer times and greatly enhance the ability to stream high-bandwidth files to connected devices without interference.

Power Where You Need It

PoE+ support lets you deploy network systems such as wireless access, IP telephony, or video surveillance solutions more quickly and at a lower cost, without having to install separate power supplies for individual devices.

Plug-and-Play Convenience

Offer a quick and easy solution to extend your office network with plug-and-play installation.

Quality of Service (QoS) Traffic Prioritization

QoS traffic prioritization gives precedence to particular devices or activities to ensure mission-critical data throughput is maintained regardless of network congestion. Auto-sensing ports automatically optimize speed for each connected device.

PoE+ Switches

Specifications



MODEL	EP-108P	EP-116P	EP-124P
Standards	IEEE 802.3, 802.3u, 802.3x, 802.3ab, 802.3az, 802.3af, and 802.3at (PoE+)	IEEE 802.3, 802.3u, 802.3x, 802.3ab, 802.3az, 802.3af, and 802.3at (PoE+)	IEEE 802.3, 802.3u, 802.3x, 802.3ab, 802.3az, 802.3af, and 802.3at (PoE+)
Number of Ports	8-port switch with 4 PoE+ ports (first 1–4 ports) and dedicated PoE power budget of 50 W	16-port switch with 8 PoE+ ports (first 1–8 ports) and dedicated PoE power budget of 80 W	24-ports switch with 12 PoE+ ports (ports 1–6 and 13–18) and dedicated PoE power budget of 120 W
MAC Address Table Size	8,000 entries	8,000 entries	8,000 entries
Bandwidth	16 Gbps (non-blocking)	32 Gbps (non-blocking)	48 Gbps (non-blocking)
Performance	Full line rate and forwarding rate of 64B frame at: 1.488 Mpps for 1000M port, 0.1488 Mpps for 100M port, 0.01488 Mpps for 10M port	Full line rate and forwarding rate of 64B frame at: 1.488 Mpps for 1000M port, 0.1488 Mpps for 100M port, 0.01488Mpps for 10M port	Full line rate and forwarding rate of 64B frame at: 1.488 Mpps for 1000M port, 0.1488 Mpps for 100M port, 0.01488 Mpps for 10M port
Quality of Service	802.1p and DSCP	802.1p and DSCP	802.1p and DSCP
Status LEDs	Link, speed, activity, and PoE indicators	Link, speed, activity, and PoE indicators	Link, speed, activity, and PoE indicators
Power Supply	External	External	Internal
Power	54V DC, 1.2A	54V DC, 1.66A	100–240V AC, 50/60Hz
Power Saving	Cable connected detection Sleep mode	Cable connected detection Sleep mode	Cable connected detection Sleep mode
Power Consumption n Idle/Use (100% Traffic)	3.83W / 7.0W	4.52W / 11.31W	7.79W / 17.65W
Fan	None	None	One
Unit Dimensions	210 x 104 x 25 mm (8.3 x 4.1 x 1.0 in.)	280 x 120 x 25 mm (11.0 x 4.7 x 1.0 in.)	440 x 200 x 44 mm (17.3 x 7.9 x 1.7 in.)
Unit Weight	0.556 kg (1.23 lbs)	0.822 kg (1.81 lbs)	2.758 kg (6.08 lbs)
Temperature (Operating)	0 to 50°C (32 to 122°F)	0 to 50°C (32 to 122°F)	0 to 50°C (32 to 122°F)
Temperature (Storing)	-40 to 70°C (-40 to 158°F)	-40 to 70°C (-40 to 158°F)	-40 to 70°C (-40 to 158°F)
Humidity (Operating)	10 to 90% (non-condensing)	10 to 90% (non-condensing)	10 to 90% (non-condensing)
Humidity (Storing)	10 to 90% (non-condensing)	10 to 90% (non-condensing)	10 to 90% (non-condensing)
Certifications	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE, UL, CB
Mounting	Wall mount	Wall mount	Rack mount
Minimum System Requirements	Connected devices need Ethernet connectivity and Ethernet cables	Connected devices need Ethernet connectivity and Ethernet cables	Connected devices need Ethernet connectivity and Ethernet cables
Warranty and Support	Lifetime limited warranty.	Lifetime limited warranty	Lifetime limited warranty