



Ubiquiti ECS-48-PoE (2150W) | Switch | Etherlighting™, 16x 2.5 GbE RJ45, 32x 10 GbE RJ45, 4x SFP28, 2x QSFP28, L3, PoE+++

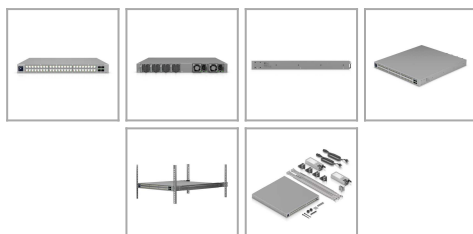


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link to the product:

<https://www.batna24.com/gb/p/switches/ubiquiti-ecs-48-poe-2150w-switch-etherlighting-16x-25-gbe-rj45-32x-10-gbe-rj45-4x-sfp28-2x-qsf28-l3-poe>

Price: **15,854.66 zł** gross / 12,889.97 zł net



Manufacturer: UBIQUITI

Referention number: DNXGHJNKKRMMKQ

Product features

Power source	AC
Height	43.7 mm
LED indicators	Activity
Width	442 mm
Depth	496 mm
Virtual LAN features	Voice VLAN
Packet buffer memory	8 MB
Cables included	Power
Rack mounting	Yes
Compliance certificates	CE
Power consumption (max)	2400 W
Mounting brackets included	Yes
Rate limiting	Yes
Humidity measurement range	10 - 90%
Redundant fans support	Yes
Switching capacity	920 Gb/s
Networking standards	IEEE 802.1x
Switch type	Managed
10G support	Yes
Loop protection	Yes
Rack rails	Yes
Number of VLANs	1000

Broadcast storm control	Yes
Performance	460 Gb/s
Operating temperature (T-T)	-5 - 40 °C
Quality of Service (QoS) support	Yes
Rack mount kit	Yes
VLAN support	Yes
Link aggregation	Yes
Total Power over Ethernet (PoE) budget	2150 W
Reset button	Yes
IGMP snooping	Yes
Flow control support	Yes
Port mirroring	Yes
Jumbo frames support	Yes
MAC address table	128000 entries
IPv4 routes	256000
Power supply included	Yes
Power over Ethernet (PoE)	Yes
SFP28 ports quantity	4
Display type	LCM
SFP module slots quantity	4
AC input frequency	50 Hz
AC input voltage	100 V
Power over Ethernet (PoE) power per port	90 W
DHCP features	DHCP guarding
Power over Ethernet (PoE) type supported	PoE+
10G Ethernet (copper) ports quantity	32
2.5G Ethernet (copper) ports quantity	16
Product colour	Grey
Power connector	AC-in jack
Switch layer	L2+/L3
Multicast support	Yes
Static route	Yes
Number of power supply units	2
Basic switching RJ-45 Ethernet ports type	10G Ethernet (100/1000/10000)
Watch case material	SGCC
Basic switching RJ-45 Ethernet ports quantity	48
Redundant power supply (RPS) support	Yes
Product weight	9460 g

Full product description

Ubiquiti ECS-48-PoE: Performance at a New Level

Increase the efficiency of your network with the **Ubiquiti ECS-48-PoE** switch. This managed switch combines cutting-edge technologies to offer uninterrupted performance on any network. **PoE (Power over Ethernet)**, **Etherlighting™** and advanced management features make it a dedicated solution for demanding environments



Switch with Unmatched Performance

The Ubiquiti ECS-48-PoE is a switch that offers **16 2.5 GbE RJ45 ports** and **32 10 GbE RJ45 ports**. With Etherlighting™ technology, you get fast, reliable connections, even for the most demanding applications. PoE enables up to **90W per port**, which is ideal for powering devices such as IP cameras and access points.

(48) Etherlighting™ and LED combination RJ45 ports that illuminate to indicate port location, speed/link, and native VLAN/network**

(4) Etherlighting™ SFP28 ports



**Pair with UniFi Etherlighting Patch Cables for optimal brightness.

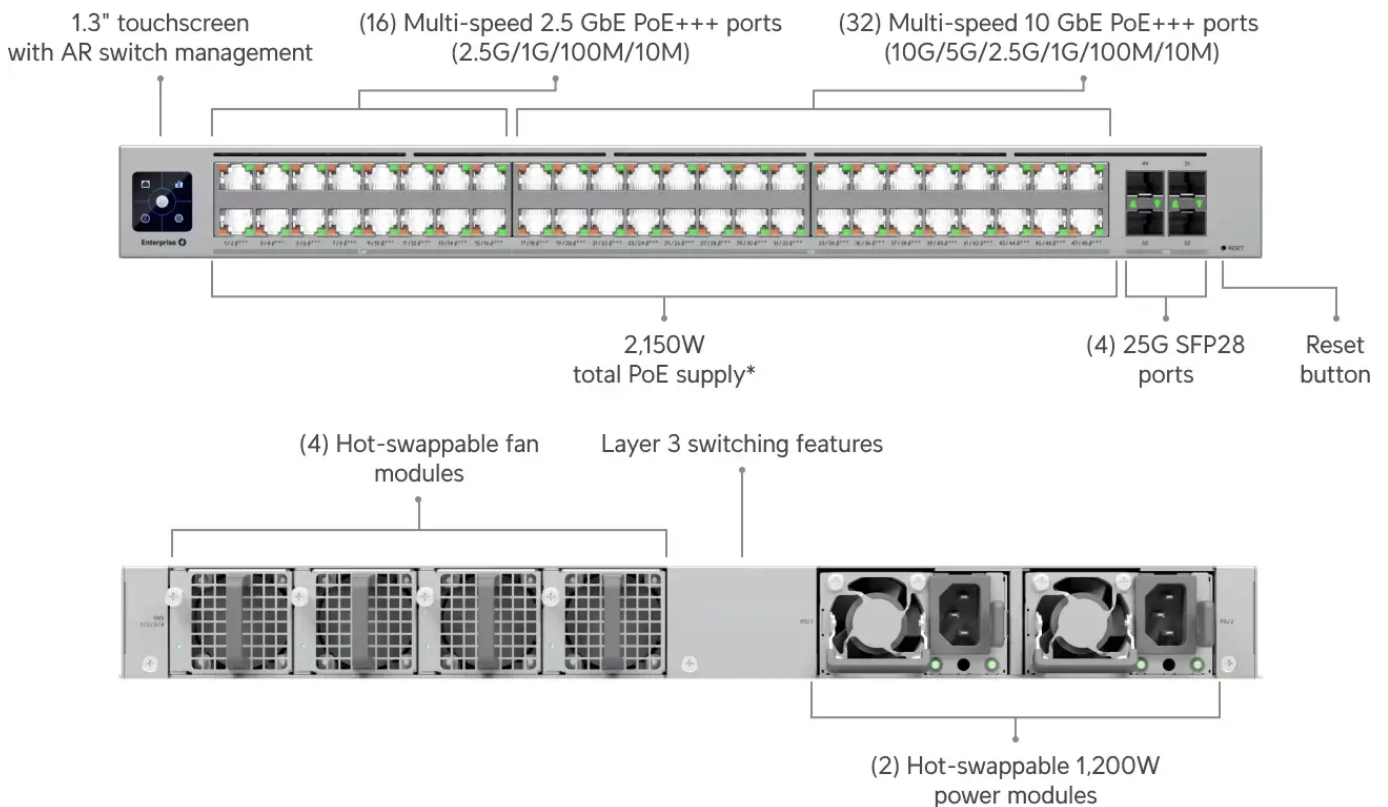
Power Supply and Energy Efficiency

With 2 hot-swappable power supplies (PSUs) - **interchangeable power** supplies, and 4 hot-swappable fans - **interchangeable fans**, the Ubiquiti ECS-48-PoE switch guarantees continuity of operation in case one of the components fails. Its **maximum PoE power reaches up to 2150W**, ensuring reliability in powering devices. In addition, thanks to the power redundancy function, the device operates stably in different power modes, which increases its security.



Optimized Layer 3 Features

The Ubiquiti **ECS-48-PoE** supports advanced **Layer 3** features (Layer 3 in the OSI model, responsible for routing and packet routing), such as **Inter-VLAN** Routing, Static Routing and **DHCP Server** (a DHCP server that assigns IP addresses to devices on the network), which allows for advanced network configuration. With this solution, managing traffic and security on the network is much simpler. **VLAN** (Virtual Local Area Network) allows traffic isolation and better bandwidth management, which is crucial in extended networks



*With 200-240V AC in Shared Mode. Total available PoE is 1,750W with 100-120V AC in Shared Mode and 950W/750W in Redundant Mode with 200-240V/100-120V AC.

Flexibility in SFP28 and QSFP28 Connections

In addition to **RJ45** ports, the switch also has **4 SFP28** (Small Form-factor Pluggable) ports and **2 QSFP28** (Quad Small Form-factor Pluggable) ports. With these ports, you can easily expand your network **with 25G and 100G links** for higher throughput and minimized latency. With this flexibility, the Ubiquiti ECS-48-PoE switch is able to meet the requirements of both small and large enterprises.

Enterprise Gateway



Enterprise Aggregation



Enterprise Campus 48 PoE