## Overview

* 48x 1G (RJ-45) LAN ports PoE++
* 6 x 25G (SFP28) WAN ports
* PoE budget 740W
* 1 x 1G (RJ-45) Management Port

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**Manufacturer**: Edgecore

## Specifications

**Interfaces:**

* Uplink: 6 x 25G SFP28
* LAN: 48 x 1G RJ-45 PoE++ Ports
* Console: 1 x RJ-45 Port
* Management: 1 x 1G RJ-45 Port

 **Physical**

* Dimension (W x D x H): 17.40 x 16.53 x 1.72 inches (44.2 x 42 x 4.36 cm)
* Input Voltage: 100-240 VAC, 50-60 Hz
* Weight: 12.13 lbs (5.5Kg)
* Environmental Conditions
	+ Operating Temperature: 23°F (-5°C) to 113°F (45°C)
	+ Operating Humidity: 5% to 10% non-condensing
* Power Consumption: 90W (without PoE), 835W Max
* Mounting options: Rack mount 19
* Certifications: FCC Class A, CE, Safety Compliance: CB, Safety Compliance: UL
* Performance
	+ Switching Capacity: 396 Gpbs
	+ Forwarding Rate: 295 Mpps
	+ MAC Address Table Size: 32K
	+ Jumbo Frames: 10 KB
* Supported transceiver
	+ 1000BASE-SX/LX
	+ 10GBASE-SR/LR/RJ45
	+ 10GBASE-DAC/AOC Cable
	+ 25GBASE-SR/LR
	+ 25GBASE-DAC/AOC
* PoE
	+ Total PoE budget: 740W
	+ IEEE 802.3bt, IEEE 802.3at, 802.3af
	+ Auto disable aſter exceeding power budget: Yes
	+ Dynamic Power Allocation: Yes
	+ PoE Power Budget: 740W(af/at/bt)

**Regulatory Compliance**

* Emissions: EN 55032:2015/A1:2020 EN IEC 61000-3-2:2019/A1:2021 EN 61000-3-3:2013/A2:2021 FCC Class A VCCI-CISPR 32:2016 Class A BSMI (CNS 15936)
* Safety: UL (CSA 22.2 No 62368-1 & UL62368-1) CB (IEC/EN 62368-1) BSMI (CNS 15598-1)
* Taiwan RoHS: CNS 15663
* Immunity: IEC 61000-4-2/3/4/5/6/8/11 EN 55035:2017/A11:2020
* Electromagnetic Compatibility
	+ CE Mark
	+ FCC Class A
	+ CISPR Class A
	+ BSMI

## What’s in the box

**Package Content:**

* L2+/L3 Lite Gigabit Ethernet (PoE) Switch
* Rack mounting kit- 2 brackets and 6 or 8 screw
* Power cord
* Console cable-RJ-45 to DE-9
* Documentation-Quick Start Guide(this document) and Safety and Regulatory information

## Interface overview

**Interface Overview:**

* System LEDs
* Management Port ,Console port and USB Port
* 48 x 10/100/1000M RJ-45 ports
* 6 x 1/10/25G SFP28 ports
* PoE LED and Mode button
* Ground screw
* AC power socket

**System LEDs:**

* Sys: Green (OK), Blinking Green (booting)
* PWR: Green (OK)
* RJ-45 1G Ports: Green/Blinking (link/activity)
* SFP+/SFP28 Ports: Green/Blinking (link/activity)