Enterprise Switch

AS4630-54PE

The Edgecore EPS202 is a high-performance Gigabit Ethernet Layer 3 switch featuring 54 ports; the EPS202 has 48 10/100/1000BASE-T ports, 4 x 25G SFP28 uplink ports, and 2 x 100G QSFP28 stacking ports (stacking capability subject to NOS implementations); plus the 48 10/100/1000BASE-T ports fully support IEEE 802.3at and IEEE 802.3bt Power-over-Ethernet (PoE).

The EPS202 is ideal as a data center top-of-rack switch, it includes redundant hot-swappable AC PSUs and port-to-power airflow. It is ideal for campus networking, with the EPS202 able to provide up to 90 Watts (Depends on the PoE power budge) of power per port to attached devices, such as VoIP phones, wireless access points, surveillance cameras etc, fully utilizing existing Cat. 6 cable infrastructure. This open network switch is loaded with the Open Network Install Environment (ONIE), which supports the installation of compatible Network Operating System software, including the open source options, plus commercial NOS offerings.

Key Features and Benefits

- Cost-effective, open network switch for data center racks or for enterprise environment.
- 1 GbE connections to server and storage nodes in rack, with 25 GbE uplinks to spine network.
- PoE models ideal for enterprise, hospitality, warehouse applications interconnecting security, camera, Wi-Fi devices.
- 48 x 10/100/1000BASE-T RJ-45 ports.
- 4 x SFP+ uplink ports, supporting 25 GbE.
- Full line-rate L2 or L3 forwarding and switching.
- Hot-swappable, load-sharing, redundant AC PSUs.
- Hardware switch pre-loaded with Open Network Install Environment (ONIE) for automated loading of compatible open source and commerical NOS offerings.

Freedom of choice

Greater control

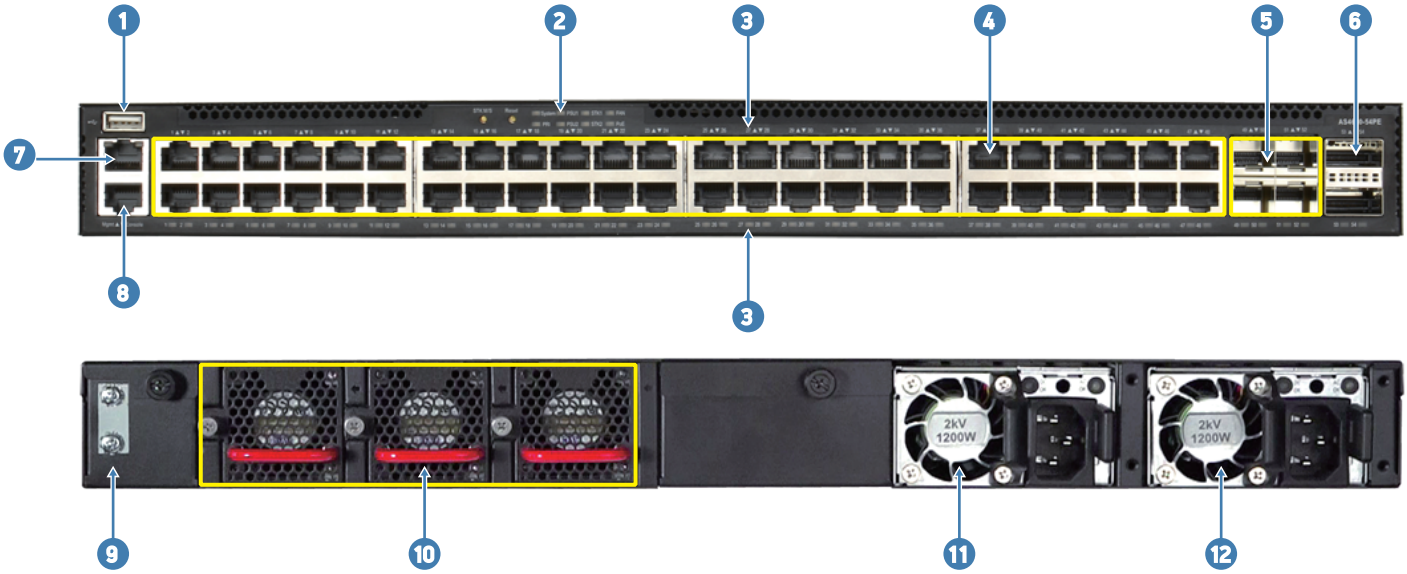
Rapid innovation

Reduced CAPEX and OPEX

EPS202 Enterprise Switch

Free Software Included

Interfaces



Description			
1.	USB storage port	7.	Management port
2.	System LEDs	8.	Console port
3.	Port indicators	9.	Grounding point
4.	48 x 1G RJ-45 ports	10.	Hot-swappable 2 + 1 redundant fans
5.	25G SFP28 ports	11.	PSU 2
6.	QSFP28 Stacking ports	12.	PSU 1

EPS202 Enterprise Switch

Edge-corE NETWORKS

Ports
- Switch Ports:
  48 x RJ-45 100/1000BASE-T ports
  4 x 25G SFP28 uplink ports
  2 x 100G QSFP28 stacking ports (requires NOS to support hardware stacking feature)
- Management Ports:
  1 x RJ-45 serial console
  1 x RJ-45 100/1000BASE-T management port
  1 x Type-A USB storage port

Key Components
- Switch Silicon: Broadcom BCM56371 Trident III 480 Gpbs
- CPU: Intel Atom/Denverton C3558 4-cores 2.2 GHz x86 processor
- DDR4: 8 GB x 2 SO-DIMM
- SPI Flash: 16 MB x 2
- m.2 SSD: 32 GB MLC

Performance
- Switchibg Capacity: 960 Gpbs full duplex
- Forwarding Rate: 744 Mpps
- MAC Addresses: 16K min./112K max.
- VLAN IDs: 4K
- Jumbo Frames: Up to 12,288 bytes
- Packet Buffer Size: 8 MB Integrated packet buffer memory

LEDs
- GE RJ-45 SFP+ Port LEDs: Link Status, Activity
- SFP28 Port LEDs: Port LEDs: Link Speed, Link Status, Activity
- Ethernet Management Port LED: Link Status, Activity
- System LEDs: PRI, PSU1, PSU2, STK1, STK2, FAN, PoE

Physical and Environmental
- Dimensions (WxDxH): 43.8 x 44.2 x 4.37 cm (17.24 x 17.40 x 1.72 in)
- Weight: 7.67 kg (16.91 lb), with two installed PSUs
- Operating Temperature: 0°C to 45°C (32°F to 113°F)
- Storage Temperature: -40°C to 70°C (-40°F to 158°F)
- Operating Humidity: 5% to 90% non-condensing

Software
- Switch is loaded with Open Network Install Environment (ONIE) software installer
- Compatible with the following NOS options: open source options, plus commercial NOS offerings.

Power
- PSUs: 2 redundant, load-sharing, hot-swappable AC
- Input Voltage: 100 to 240 VAC at 50-60 Hz
- Power Consumption: 1800 Watts maximum
  Note: AC PSUs are redundant in terms of system and networking, but not fully redundant in terms of PoE functions and the power budget.

Regulatory
- EMI:
  EN55032 Class A
  EN55024
  EN55035
  EN61000-3-2
  EN61000-3-3
- FCC Part 15, Subpart B Class A
- VCCI Class A
- CCC
- BSMI 13438
- Safety
  CB
  UL
  CCC
  BSMI 14336-1
  RoHS-2.0 Compliant

Warranty
Please check www.edge-core.com for the warranty terms in your country.

For More Information
To find out more about Edgecore Networks Corporation products and solutions, visit www.edge-core.com.

About Edgecore Networks Corporation
Edgecore Networks Corporation is in the business of providing innovative network solutions. In the service provider network, in the data center or in the cloud, Edgecore Networks Corporation delivers the software and systems that transform the way the world connects. Edgecore Networks Corporation serves customers and partners worldwide. Additional information can be found at www.edge-core.com.

Edgecore Networks Corporation is a subsidiary of Accton Technology Corporation, the leading network ODM company. The Edgecore data center switches are developed and manufactured by Accton.

To purchase Edgecore Networks solutions, please contact your Edgecore Networks Corporation representatives at +886 3 563 8888 (HQ) or +1 (949)-336-6801 or authorized resellers.

Ordering Information

Base model: AS4630-54PE; Intel® Atom® Denverton Processor; 48-Port 1G BASE-T with PoE++ + 4-port 25G uplink + 2 x 100G QSFP28 stacking port; ONIE software installer.

Model Number	Part Number	PSU	Airflow	Region (power cord)
AS4630-54PE-O-AC-F-US	F0PZZ4654408A	Dual AC PSUs	port-to-power airflow	N. America
AS4630-54PE-O-AC-B-EU	F0PZZ4654206A	Dual AC PSUs	power-to-port airflow	EU
AS4630-54PE-O-AC-F-UK	F0PZZ4654306A	Dual AC PSUs	port-to-power airflow	UK
AS4630-54PE-O-AC-B-JP	F0PZZ4654506A	Dual AC PSUs	power-to-port airflow	JP