

ES1500-8P

8-port 2.5GbE (PoE) Campus Access Switch



The ES1500-8P offers 8 ports of 2500Base-T and 4 ports of 25GbE SFP28, making it ideal for enterprise access, edge, SMB, IoT / OT and data center management applications. This platform boasts a fanless design and supports PoE++ with up to 90W per port, all while functioning within an extended operating temperature range.

The ES1500-8P is ideal for:

- Enterprise / SMB Access Networks
- Converged Wired / Wireless LAN
- Campus / Branch / IoT / OT
- Management and Connectivity

The Celestica ES1500-8P is a compact 8-port 2.5GbE fanless POE switch supporting extended temperature. It is ideal for organizations looking for high-performance, scalable switches for the enterprise edge, campus, retail, DCN management and IoT.

FEATURES

Marvell AC5X switch chipset
Up to 120Gbps non-blocking switching capacity
Integrated A55 ARM CPU, 2C 1.5GHz
Memory: 8GB, Storage: 32GB eMMC
Encryption: 256b MACsec
8 ports 2500Base-T (RJ45)
4 ports 25GbE (SFP28)
IEEE 802.3 af / at / bt, Type 4, Class 8 (90W) enabled RJ45 ports
Optional: IEEE 1588 and SyncE timing support
RJ45 console and combo / SFP OOB Ethernet management ports
Persistent POE
2x USB 2.0 Type A interfaces
Fanless
ROHS compliant



Enterprise-Class Quality. Cloud Economics.

PHYSICAL DIMENSIONS

Height: 49.5 mm (1.1U)

Width: 325 mm

Depth: 377.6 mm

Weight: 7.2 Kg

ENVIRONMENTAL: OPERATING

Temperature: -20°C to 50°C @ 900m

Non-operating Temperature: -40°C to 70°C

Altitude: 3050m maximum. Derate ambient 1C /
175m above 900m

APPROVALS

Environment: EU RoHS, SVHC requirements of
REACH directive

EMC: Class B - USA, Canada, Europe, Japan, China

Safety: UL / CSA / IEC / EN 60950-1 / 62368-1

PSU: CE, UL / cUL

ORDER INFORMATION

R4075-F947C-A1: ES1500-8P, 8x2.5GbE, fanless,
POE++, int. ARM-2C/8GB-DDR/32GB-eMMC

*Note: All specifications and figures are subject to change
without prior notice.*