ES1010

1U 48-port 1GbE (PoE) Access Switch

Celestica's ES1010 provides 48x 1000Base-T and 4x 25GbE SFP28 ports in support of enterprise access, edge and data center applications.

ES1010 includes high-reliability features such as redundant fixed fans and hot swappable power supplies. The platform is available in both forward and reverse airflow configurations with optional 90W per port PoE++ support.

The platform is ideal for:

- Enterprise Edge / Access / Campus Aggregation
- SD-Branch / SD-WAN / SASE
- IoT
- DCN Management Switches

FEATURES

Broadcom TD3.X2 switch chipset
148Gbps non-blocking switching capacity
Intel Denverton x86 CPU, 4C / 8C at 2.1GHz / 2.2GHz
Memory: DDR4 16GB or more (32GB), 64GB up to 256GB M.2 SSD
Encryption: 256b MACsec
Optional: IEEE 1588 and SyncE timing support
48-port 1000Base-T (RJ45)
Optional: IEEE 802.3 af / at / bt, Type 4, Class 8 enabled RJ45 ports, persistent PoE
4 ports 1GbE / 10GbE / 25GbE (SFP28)
RJ45 console and Combo/SFP OOB Ethernet management ports
2x USB 3.0 Type A interfaces
1+1 hot swappable AC PSUs with 0:1 / 1:1 mode of operations
3+1 fixed fans
ROHS Compliant

Enterprise-Class Quality. Cloud Economics.

PHYSICAL DIMENSIONS

Height: 43.4 mm (1U)

Width: 438.2 mm

Depth: 371.6 mm

ENVIRONMENTAL : OPERATING

Temperature: 0°C to 45°C @ 900m

Humidity 5%~85% (Upper limits per ASHRAE A3)

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

ORDER INFORMATION

ES1010-48CP: 48X 1G+ 4X 25G, X86 4C/8C CPU, POE++

ES1010-48C: 48X 1G+ 4X 25G, X86 4C/8C CPU

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

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