ES1050

1U 48-port 1GbE / 2.5GbE (PoE) Access Switch

Celestica's ES1050 provides 48 ports with 32x 1000Base-T, 16x 2500Base-T and 4x 25GbE SFP28 ports in support of enterprise access and edge applications.
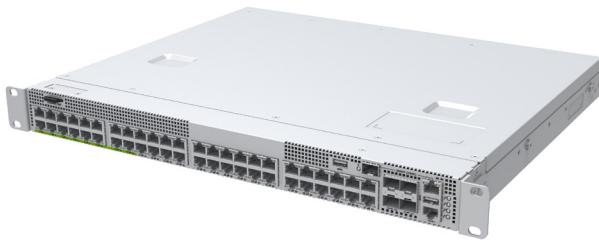
ES1050 includes high-reliability features such as redundant fixed fans and hot swappable power supplies. The platform is available in both forward and reverse airflow configurations with optional 90W per port PoE++ support.

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

172Gbps non-blocking switching capacity

Intel Denverton x86 CPU, 4C / 8C at 2.1GHz / 2.2GHz

Memory: DDR4 16GB up to 32GB, and 16GB up to 256GB M.2 SSD

Encryption: 256b MACsec

Optional: IEEE 1588 and SyncE timing support

32 ports 1000Base-T (RJ45)

16 ports 1000Base-T / 2500Base-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

ES1050-48CP: 32X 1G+ 16X 2.5G, X86 4C/8C CPU, POE++

ES1050-48C: 32X 1G+ 16X 2.5G, X86 4C/8C CPU

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

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