

EG1050

1U 48-port 1GbE / 2.5GbE PoE Edge Gateway with 5G and Wi-Fi



The Celestica EG1050 provides 48 ports of 32x 1000Base-T, 16x 2500Base-T and 4x 25GbE SFP28 ports in support of enterprise gateway, access and edge applications.

EG1050 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 90W per port PoE++ support.

The EG1050 is ideal for:

- Enterprise Edge / Access Gateway
- SD-Branch / SD-WAN / SASE
- IoT

FEATURES

- Broadcom TD3.X2 switch chipset
- 172Gbps non-blocking switching capacity
- Intel Denverton x86 CPU, 4C / 8C at 2.1GHz / 2.2GHz
- Memory: DDR4 32GB, 128GB or more (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
- 4 ports 1GbE / 10GbE / 25GbE (SFP28)
- RJ45 console and Combo/SFP OOB Ethernet management ports
- Persistent POE
- 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
- Concurrent Wi-Fi (6/6E) & 5G (sub 6GHz)
- Dual SIM Slots & eSIM



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

EG1050-48CP: 32X 1G+ 16X 2.5G, X86 8C CPU, POE++, Wi-Fi & 5G

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