PROPRIETARY NODE

EBND-2-PWR-G4

EDGEBoost Node with PCIe Expansion, 1x Power Input

Features

EDGEBoost Nodes are a modular solution for the AI Edge Inference Computers that require additional 2.5" U.2 NVMe SSDs (15mm) and PCIe Gen 4 expansions for additional performance accelerators.

- EDGEBoost Node Designed for the RCO-6000-RPL Series Industrial Computers
- Lockable NVMe Cannister Bricks: 2x Hot-Swappable 2.5" NVMe SSD (15 mm, U.2)
- Modular design for maximum workload flexibility and performance
- Configurable PCIe Gen 4 expansion slot options available
- Rugged and Durable for wide temperatures, shock and vibration, and wide-power inputs
- Hot-swappable adaptive cooling fan for NVMe SSDs
- Seemless interoperability through high-speed PCIe Gen 4 protocols
- Software RAID 0, 1 for Data Redundancy

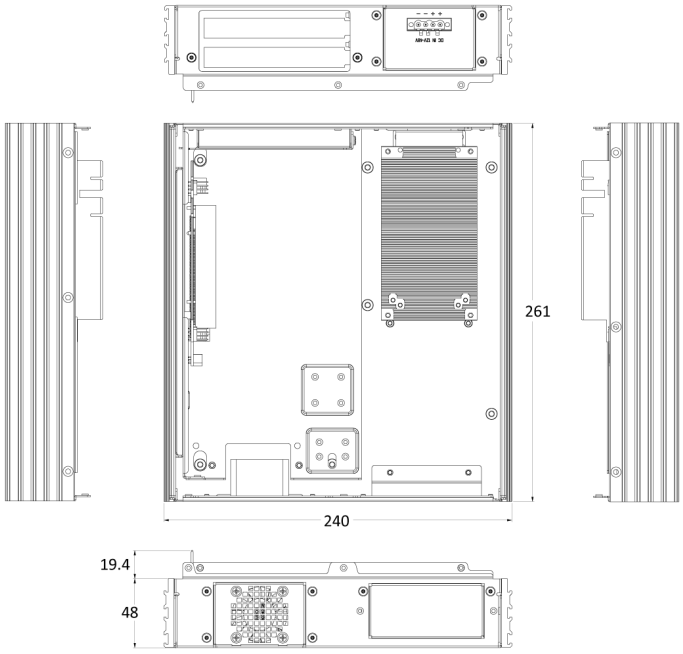
Specifications

Expansion	Optional Configurations: • 1x PCIe x16 (Gen 4), 1x PCIe x1 Open-Ended (Gen 3) • 1x PCIe x16 (8-Lanes, Gen 4), 1x PCIe x8 (8-Lanes, Gen 4)
Card Dimension	• 235 (L) x 112 (H) mm • 2 Slots High
Power Output	DC-IN: 12~48VDC Power Connector: 4-pin Terminal Block Power Adapter: 280W (Optional for GPU/Card Expansion) (12V requires 4-pin Terminal Block)
Construction	Extruded Aluminum with Heavy Duty Metal
Dimensions	240 (W) x 261 (D) x 48 (H) mm
Standards and Certifications	CE, FCC Class A, UL
Weights	2.6 kg ~ 2.75 kg

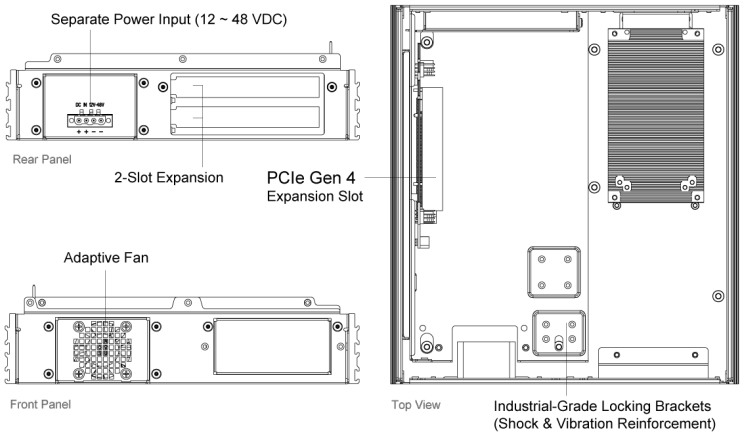
Available Models

- EBND-2E16-PWR-G4
  EDGEBoost Node with 1x PCIe x16 (Gen 4), 1x PCIe x1 (Gen 3), 1x Power Input
- EBND-2E8-PWR-G4
  EDGEBoost Node with 1x PCIe x16 (8-Lanes, Gen 4), 1x PCIe x8 (8-Lanes, Gen 4), 1x Power Input

Dimension (Unit: mm)



External I/O Mechanical Layout



* All specifications and photos are subject to change without notice.

Compatible Products

RCO-6000-RPL-2-2PWR AI Edge Inference Computer with LGA 1700 for Intel 12/13th Gen Processor and R680E PCH, 2x PCIe, 2x Power input

See Product