



PROPRIETARY NODE

# EBND-2-2NVME-G4

EDGEBoost Node with PCIe Gen 4 Expansion, 2x 2.5" U.2 15mm NVMe SSD

## 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
- Seamless interoperability through high-speed PCIe Gen 4 protocols
- Software RAID 0, 1 for Data Redundancy



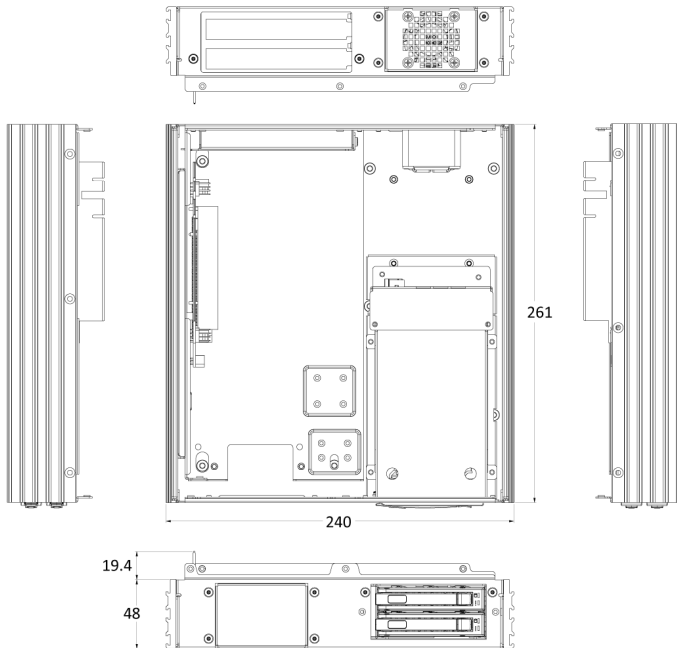
## Specifications

Expansion	Optional Configurations: <ul style="list-style-type: none"> <li>• 1x PCIe x16 (Gen 4), 1x PCIe x1 Open-Ended (Gen 3)</li> <li>• 1x PCIe x16 (8-Lanes, Gen 4), 1x PCIe x8 (8-Lanes, Gen 4)</li> </ul>
Storage	2x 2.5" U.2 NVMe SSD (15 mm, Hot-swappable) Support RAID 0, 1
Card Dimension	<ul style="list-style-type: none"> <li>• 235 (L) x 112 (H) mm</li> <li>• 2 Slots High</li> </ul>
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

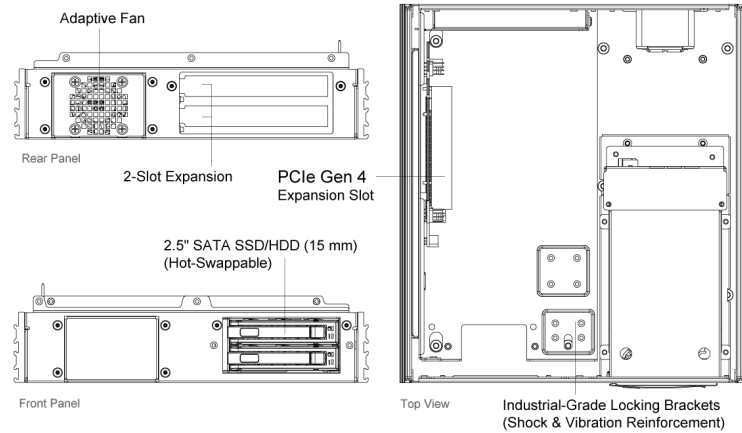
## Available Models

- EBND-2E16-2NVME-G4  
EDGEBoost Node with 1x PCIe x16 (Gen 4), 1x PCIe x1 (Gen 3), 2x 2.5" U.2 NVMe SSD (15 mm)
- EBND-2E8-2NVME-G4  
EDGEBoost Node with 1x PCIe x16 (8-Lanes, Gen 4), 1x PCIe x8 (8-Lanes, Gen 4), 2x 2.5" U.2 NVMe SSD (15 mm)

## Dimension (Unit: mm)



## External I/O Mechanical Layout



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



RC0-6000-RPL-2-2B15M AI Edge Inference Computer W/ LGA 1700 for Intel 12/13th Gen CPU & R680E PCH, 2x LAN, 4x SSD, 2x PCIe

[See Product](#)