# Compact Industrial IoT Computer with Triple Display

## BCO-3000-RPL

premio x intel ai

### Small Form Factor Industrial Computer with 13th Gen Intel® Core™ Processors

BCO-3000-RPL is a semi-rugged, small-form-factor industrial edge PC designed for space-constrained deployments and real-time IoT and AI workloads. Powered by 12th/13th Gen Intel® Core™ processors (35 W) with hybrid P- and E-core architecture, it delivers socket-type performance in a compact footprint. The system supports up to 64 GB DDR4 memory, triple independent display outputs (2× DP, 1× HDMI), and rich IIoT-centric connectivity including 3× 2.5 GbE LAN, multiple COM ports, and high-speed USB 3.2 interfaces. For enhanced flexibility, it offers M.2 expansion for NVMe storage, wireless connectivity (Wi-Fi 6, Bluetooth 5, 4G/LTE), and optional AI acceleration via Hailo-8 TPU. Built for industrial reliability, the BCO-3000-RPL features fanless design, wide 9–36 VDC power input, and an operating range of 0 °C to 50 °C, with MIL-STD-810G shock and vibration resistance, TPM 2.0 security, and world-class certifications (UL, CE, FCC).

### Key Features

- Super-Rugged Small Form Factor
- Rich, High-Speed I/O
- Isolated DIO
- Industrial-Grade Design

### Intel Products & Technology

Intel® Core™ Processors



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