BLIIOT BL118 Node-RED Edge Computing Gateway , $ 112.27



Seller Info

Name:	Shenzhen Beilai Technology Co., Ltd.
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Listing details

Description

Title:	BLIIOT BL118 Node-RED Edge Computing Gateway
Price:	$ 112.27

Description:

BL118 Node-RED Gateway is an industrial-grade edge computing device powered by a dual-core A7 processor. Pre-installed with Node-RED, it supports Modbus, BACnet, CAN, OPC UA, MQTT, and major PLC protocols, enabling rapid visual programming and flexible integration. With Wi-Fi/4G connectivity and scalable I/O options, the BL118 is ideal for smart factory, energy, city, and transportation applications, driving industrial visualization and digital transformation.

Core Advantages

Out-of-Box Zero-Code Development

- Pre-installed customized Node-RED V4.0.0 with drag-and-drop programming, 5000+ official/third-party nodes
- Built-in industrial protocol nodes (PLC/MQTT/Modbus), Docker container support
- Real-time debugging + visual dashboards for rapid SCADA/energy monitoring deployment

Military-Grade Hardware Reliability

- Dual-core Cortex-A7 processor @1.2GHz with independent hardware watchdog
- **-40℃ to 85℃** operating range, EMC/EMI Class A certified
- 9-36V DC wide voltage input with reverse-polarity/overcurrent/surge protection

Flexible Industrial I/O Expansion

- Base model: **4/8 isolated RS485/232/CAN** + 2×USB2.0
- **Y-Series Expansion Boards**:
  - Analog: 16ch AI/AO (±10V/4-20mA)
  - Digital: 16ch DI/DO (NPN/PNP/Relay)
  - Temperature: PT100/PT1000/TC/4-wire RTD

Optional WiFi/4G wireless (dual-band antennas included)

Typical Applications
Smart Factory：PLC data acquisition → MES integration → Node-RED HMI dashboards
Energy Management：Meter/sensor aggregation → MQTT cloud upload → Efficiency analytics
Smart

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Location

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