

QB-N150A

Industrial system with Intel® Processor N150 Lockable DC Connector/ 2 x HDMI/ 1 x USB Type C with DP Alt. mode/ 2 x LAN Ports/ 1 x Combo Audio Jack (Headphone & Headset)



Features

- System Size: 118W x 109.4D x 44.4H (mm)
- Intel® Processor N150
- 1 x COM Port (RS-232)
- Single Channel DDR5, 1 x SO-DIMM
- 2 x HDMI, 1 x DP 1.4 through USB type C for Multiple display
- 2 x GbE LAN Ports
- onboard TPM v2.0

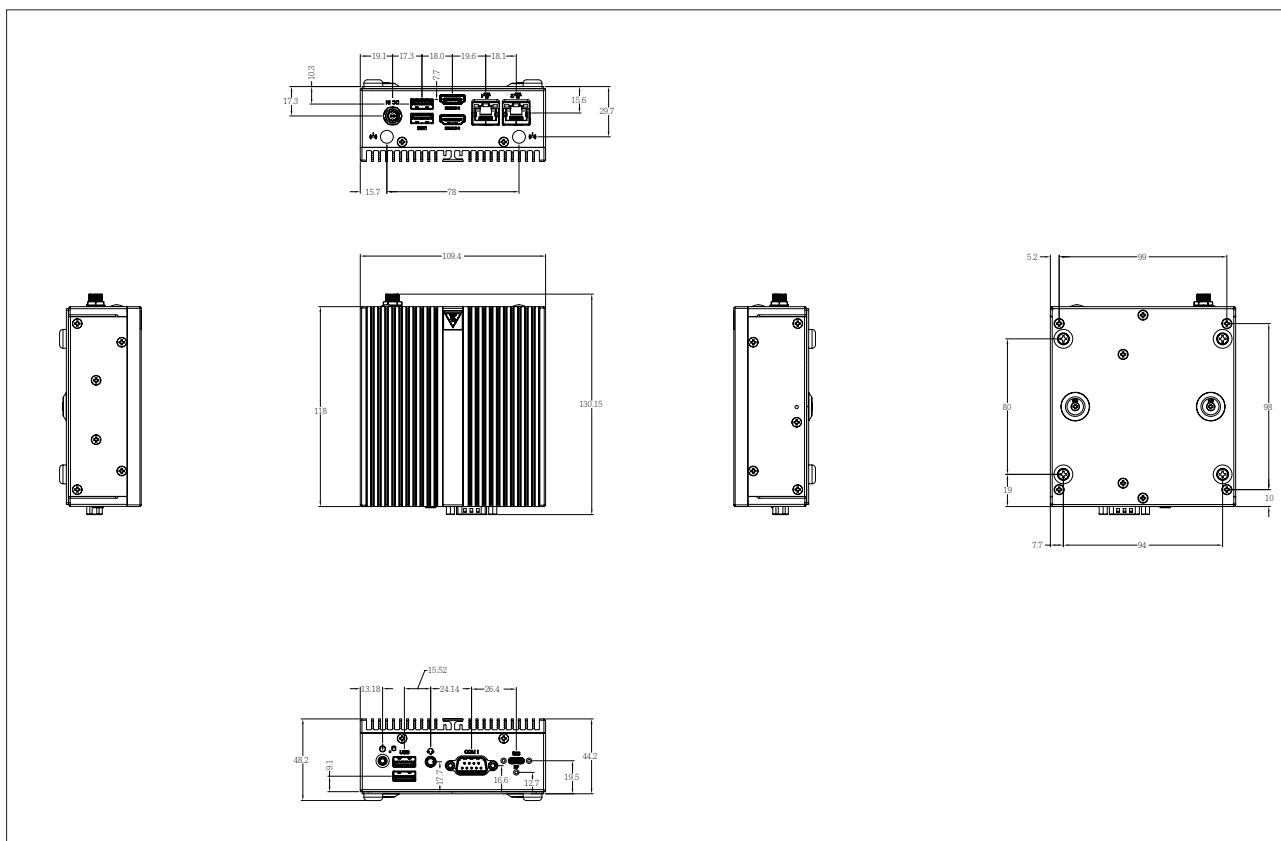
Specifications

Dimension	System Size: 118W x 109.4D x 44.4H (mm)
CPU	Intel® Processor N150 Intel® 7, 4 cores, up to 3.60 GHz
Memory	1 x DDR5 SO-DIMM socket, Max. Capacity 16 GB Support Single Channel DDR5 4800 MHz memory module
Ethernet	2 x GbE LAN Ports (Realtek® RTL8111H)
Video	Integrated Graphics Processor - Intel® Graphics support: 2 x HDMI 2.0 port, supporting a maximum resolution of 4096x2160 @60Hz 1 x DP 1.4 through USB Type C (DP Alt.mode), supporting a maximum resolution of 4096x2160 @60Hz (3 independent display outputs)
Audio	Realtek® ALC269
Expansion Slots	1 x 2280 M.2 M-Key (PCIe Gen 3x1, SATA 6Gb/s) 1 x 2230 M.2 E-Key (WiFi/BT)
Front I/O	2 x USB 3.2 Gen 2x1 1 x COM Port (RS-232) 1 x Combo Audio Jack (Headphone & Headset) 1 x Power button with LED 1 x USB 3.2 Type C with DP 1.4b (DP Alt. mode)
Rear I/O	2 x RJ45 LAN Ports 2 x USB 3.2 Gen 2x1 2 x HDMI 2 x External Antenna Holes (Optional) 1 x Screw Type DC Jack
TPM	Onboard TPM 2.0 security chip NUVOTON NPCT760AABYX
Power	+12V~19VDC (Adapter 19V/65W)
Operation Temperature	Operating temperature: 0°C to 50°C Operating humidity: 40°C @ 20-95% (non-condensing) Non-operating temperature: -40°C to 85°C Non-operating humidity: 60°C @ 95% (non-condensing) Use wide temperature range memory and storage
Vibration During Operation	Operation: IEC 60068-2-64, 3 Grms, random, 5 ~ 500 Hz, 1 hr/ Per Axis, with SSD Non-operation: IEC 60068-2-6, 2 G, Sine, 10 ~ 500 Hz, 1 Oct/min, 1 hr/ Per Axis
Shock During Operation	Operation: IEC 60068-2-27, 50 G, half sine, 11 ms duration, with SSD

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Dimension

Unit: mm



Packing Content

- Carton size: 373 x 294 x 296 (mm)
- Packing Capacity: 8pcs
- Single Box size: 256 x 173 x 66 (mm)
- Including:
 - Power Cord: Optional (by region)
 - PSU ADP 19V 65W 100-240VAC x 1 (P/N: 25EP1-100651-A3S)
 - VESA Bracket x 1 (P/N: 25HB1-TPL021-S8R)
 - VESA Screws x 1 (P/N: 25KSD-000002-C0R)

Order Information

- System: 6BQBN150AMR-SI (Box packing)

2026/01/27

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