

## QP-N150A-A1

Industrial system with Intel® Processor N150/ Fanless Design/ Single Channel DDR5 up to 16GB/ 2 x HDMI



### Features

- System Size : 178W x 125D x 52.7H (mm)
- Intel® Processor N150
- Single Channel DDR5, 1 x SO-DIMM
- 1 x COM Port (RS-232/422/485 & RI/5V/12V)
- 1 x COM Port (RS-232/422/485)
- 1 x Remote control
- 2 x 2.5GbE LAN Ports

Front I/O	2 x RJ45 LAN Ports 2 x USB 3.2 Gen 2x1 2 x USB 2.0 2 x HDMI 1 x Power button with LED 1 x HDD LED 1 x Headphone Jack
Rear I/O	2 x USB 2.0 1 x COM Port (RS-232/422/485 & RI/5V/12V) 1 x COM Port (RS-232/422/485) 1 x GPIO (8 bits) 1 x Remote control 1 x 3-pin Terminal Block
Side I/O	2 x External Antenna Holes (Optional)
TPM	Onboard TPM 2.0 security chip INFINEON SLB9670VQ2.0
Power	+12V~36VDC (Full Range)
OS Compatibility	Windows 11 IoT Enterprise LTSC 2024 (x64) Windows 11 Enterprise LTSC 2024
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/M.2 2280 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
Mounting	Wall mount P/N: 25HB2-CGAA20-CHR x 1 (Optional) VESA 75/100 P/N: 25HB1-TPL021-S8R x 1 + 12K5Z-000001-00R x 1 (Screw) (Optional)

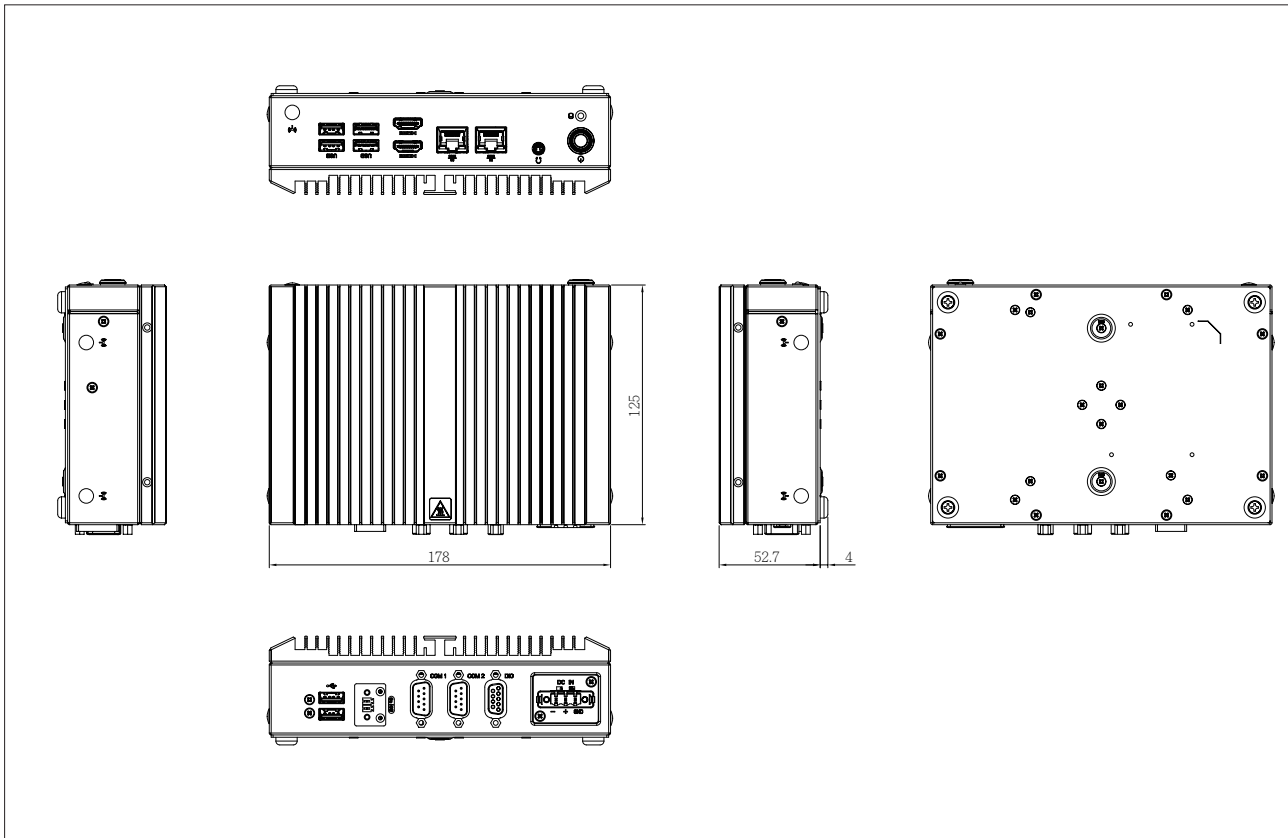
### Specifications

Dimension	System Size : 178W x 125D x 52.7H (mm)
CPU	Intel® Processor N150 Intel 7, 4 cores, up to 3.60 GHz
Memory	1 x DDR5 SO-DIMM sockets, Max. Capacity 16 GB Support Single channel DDR5 4800 MHz memory modules
Ethernet	2 x 2.5GbE LAN Ports (Intel® I226V)
Graphic support	Integrated Graphics Processor - Intel® Graphics support: 2 x HDMI 2.0 port, supporting a maximum resolution of 4096x2160 @60Hz  (2 independent display outputs)
Audio	Realtek® ALC897
Storage	1 x 2.5" HDD/SSD (SATA 6Gb/s)
Expansion Slots	1 x 2280 M.2 M-Key (PCIe Gen3x2) 1 x 2230 M.2 E-Key 1 x Full-size mini PCIe with SIM slot

GIGAIPC reserves the right to modify or change technical data without prior notice.

## Dimension

Unit: mm



## Packing Content

- Carton size: 505 x 333 x 231 (mm)
- Packing Capacity: 5pcs
- Single Box size: 313 x 191 x 95 (mm)
- Including:
  - Screw I Head For 2.5" HDD M3x8L x 4 (P/N: 25KSG-130081-K1R)
  - SATA Cable x 1 (P/N: 25CRI-150001-S9R)
  - 3-pin Terminal Blocks Male Plug x 1 (P/N: 25I00-5ESDV0-D2R)
  - 2-pin Terminal Blocks Male Plug x 1 (P/N: 25I00-EC3812-D2R)

## Order Information

- System: 6BQPN150AMR-SI (Box packing)

2026/03/24

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