

# QBiX-Pro-AMDA1605H-A1

Industrial System with AMD® RYZEN™ V1605B Embedded Processor



## Features

- System Size: 178W x 125D x 52.7H (mm)
- AMD® RYZEN™ V1605B Embedded Processor
- Dual Channel DDR4, 2 x SO-DIMMs
- 4 x HDMI 2.0 for multiple display
- 2 x GbE LAN Ports

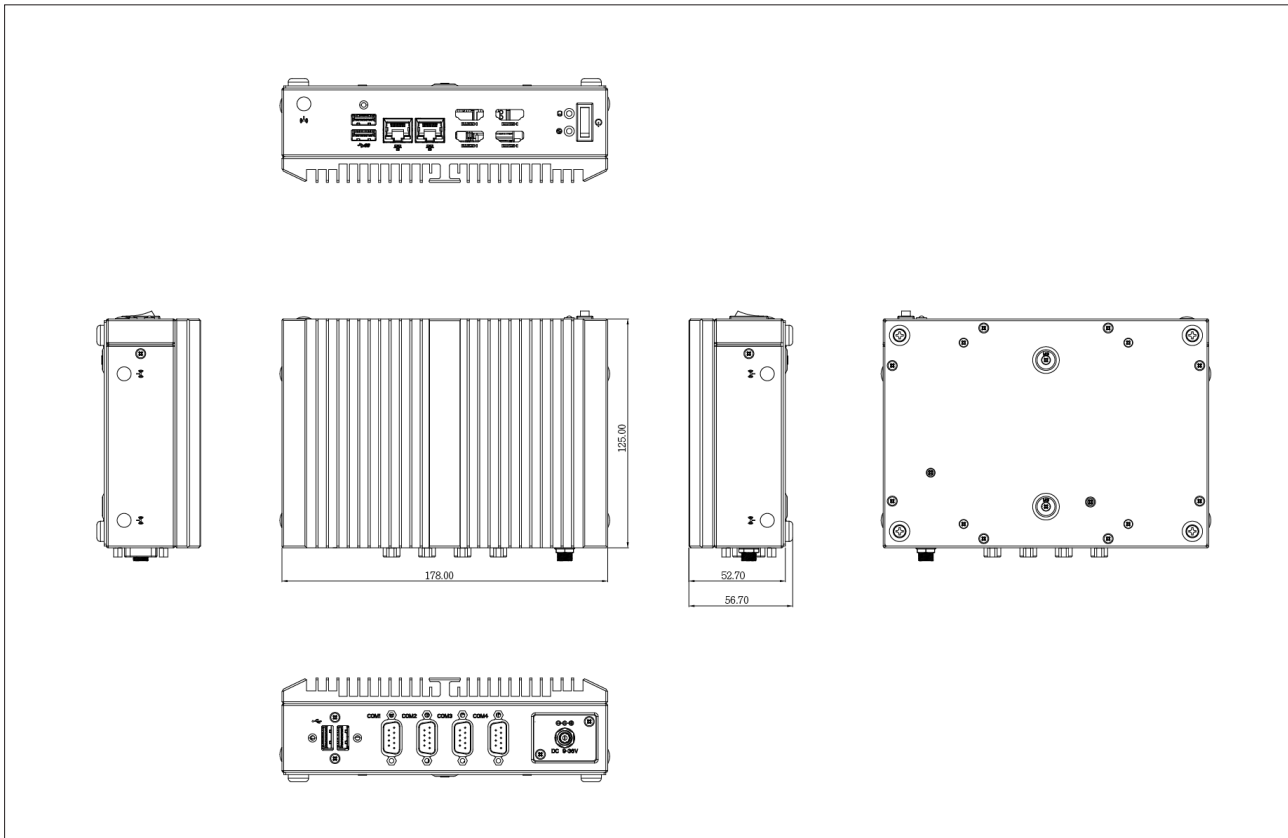
## Specifications

Dimension	System Size : 178W x 125D x 52.7H (mm)
CPU	AMD® RYZEN™ V1605B Embedded Processor 14nm, 4 cores, 8 threads, 2.0 GHz, up to 3.6GHz TDP 25W 2MB of shared L2 plus 4MB of shared L3 total
Chipset	SoC
Memory	2 x DDR4 SO-DIMM sockets, Max. Capacity 32 GB Support Dual channel DDR4 2400MHz memory modules
Ethernet	2 x GbE LAN Ports (Realtek® RTL8111HS)
Graphic support	Integrated Graphics Processor - AMD Radeon™ Vega 8 Graphics: 4 x HDMI 2.0 ports, supporting a maximum resolution of 4096x2160 @60Hz *Support EDID emulation with AMD graphic driver/utility  (4 independent display outputs)
Audio	Realtek® Audio codec
Storage	1 x 2.5" HDD/SSD (SATA 6 Gb/s)
Expansion Slots	1 x 2280 M.2 M-Key (PCIe x4, SATA 6Gb/s) 1 x 2230 M.2 E-Key (WiFi/BT) 1 x Full-size Mini PCIe with SIM slot (PCIe x1 + USB2.0) -- support 3G module
Front I/O	2 x RJ45 LAN Ports 2 x USB 3.2 Gen 1 4 x HDMI 1 x Power switch 1 x Power & HDD LED
Rear I/O	2 x USB 2.0 2 x COM Ports (RS-232/422/485 & RI/5V/12V) 2 x COM Ports (RS-232) 1 x Screw Type DC Jack
Side I/O	2 x External Antenna Holes (Optional)
Power	+9V~36VDC (Adapter 19V/65W)
Operation temperature	Operating temperature: 0°C to 50°C Operating humidity: 0-90% (non-condensing) Non-operating temperature: -20°C to 70°C Non-operating humidity: 0%-95% (non-condensing) Use wide temperature range memory and storage
Vibration During Operation	Operation: IEC 60068-2-64, 5 Grms, random, 5 ~ 500 Hz, 1 hr / Per Axis, with SSD/M.2 2242 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: 505 x 333 x 231 (mm)
- Packing Capacity: 5pcs
- Including:
  - Screw I Head for 2.5" HDD M3x8L x 4 (P/N: 25KSG-130081-K1R)
  - Thermal Pad x 2 (P/N: 25ST3-200052-T5R)
  - Thermal Pad x 1 (P/N: 25ST3-200060-T5R)
  - Thermal Pad x 1 (P/N: 25ST3-200051-T5R)
  - SATA Cable x 1 (P/N: 25CF4-170020-S9R)
  - Power Cord : Optional (by region)
  - Power ADP 19V 65W 100-240VAC x 1 (P/N: 25EP0-1065W1-A3S)

## Order Information

- System : 6BQP1605AMR-SI (Box packing)

2026/04/14

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