

QBiX-Pro-AMDA2314H-A1

Industrial System with AMD® RYZEN™ R2314 Embedded Processor/ Fanless Design/ Dual Channel DDR4 up to 64GB / 4 x HDMI



Features

- System Size: 178W x 125D x 52.7H (mm)
- AMD® RYZEN™ R2314 Embedded Processor
- Dual Channel DDR4, 2 x SO-DIMMs
- 4 x HDMI 2.0 for multiple display
- 2 x GbE LAN Ports
- onboard TPM v2.0

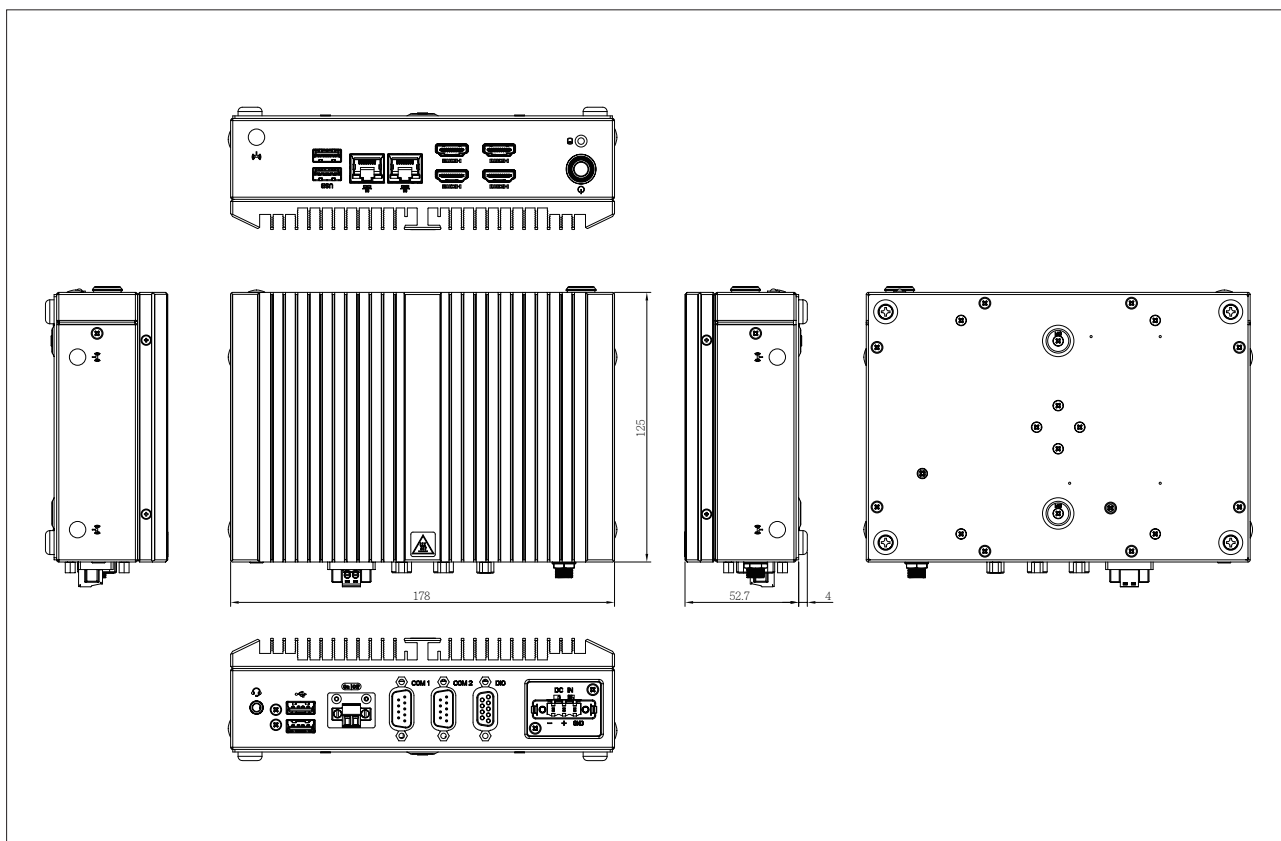
Specifications

Dimension	System Size : 178W x 125D x 52.7H (mm)
CPU	AMD Ryzen™ R2314 Embedded Processor 14nm, 4 cores, 4 threads, 2.1 GHz, up to 3.5 GHz
Chipset	SoC
Memory	2 x DDR4 SO-DIMM sockets, Max. Capacity 64 GB Support Dual channel DDR4 2667MHz memory modules
Ethernet	2 x GbE LAN Ports (Realtek® RTL8111H-CG)
Graphic support	Integrated Graphics Processor - AMD Radeon™ Graphics: 4 x HDMI 2.0 ports, supporting a maximum resolution of 4096x2160 @60Hz (4 independent display outputs)
Audio	Realtek® ALC269
Storage	1 x 2.5" HDD/SSD (SATA 6Gb/s)
Expansion Slots	1 x 2280 M.2 M-Key (PCIe Gen3x4, SATA 6Gb/s) 1 x 2230 M.2 E-Key (WiFi/BT) 1 x Full-size Mini PCIe with SIM slot
Front I/O	2 x RJ45 LAN Ports 2 x USB 3.2 Gen 2x1 4 x HDMI 1 x Power button with LED 1 x HDD LED 1 x External Antenna Hole (Optional)
Rear I/O	2 x USB 2.0 1 x GPIO (8 bits) 2 x COM Ports (RS-232/422/485) 1 x Remote control 1 x Combo Audio Jack (Headphone & Headset) 1 x 3-pin Terminal Block
Side I/O	2 x External Antenna Holes (Optional)
TPM	Onboard TPM 2.0 security chip INFINEON SLB9665TT2.0
Power	+9V~36VDC (Full Range)
Operation temperature	Operating temperature: 0°C to 50°C Operating humidity: 60°C @ 20-95% (non-condensing) Non-operating temperature: -40°C to 85°C Non-operating humidity: 85°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 + 12SZ-000001-00R x 1 (Screw) (Optional)

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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)
 - Thermal Pad for Memory x 1 (P/N: 25ST3-200086-T5R)
 - Thermal Pad for Wi-Fi x 1 (P/N: 25ST3-200060-T5R)
 - 2-pin Terminal Blocks Male Plug x 1 (P/N: 25I00-EC3812-D2R)
 - SATA Cable x 1 (P/N: 25CF4-170020-S9R)
 - 3-pin Terminal Blocks Male Plug x 1 (P/N: 25I00-5ESDV0-D2R)

Order Information

- System : 6BQP2314AMR-SI (Box packing)

2025/10/14

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