



QBiX-Pro-AMDA1605H-A1

Industrial system with AMD® RYZEN™ V1605B Embedded Processor

Key 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 for multiple displays
- 2 x GbE LAN ports

Application

- Retail

SPECIFICATION

Industrial system with AMD® RYZEN™ V1605B Embedded Processor

DIMENSION	System Size : 178W x 125D x 52.7H (mm)
CPU	AMD® RYZEN™ V1605B Embedded Processor 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 Dual channel memory architecture Support DDR 2133MHz
ETHERNET	2 x Realtek RTL8111HS (10/100/1000 Mbit)
GRAPHIC SUPPORT	Integrated Graphics Processor - AMD Radeon™ Vega 8 Graphics 4 x HDMI port, supporting a maximum resolution of 4096 x 2160 @ 60Hz
AUDIO	Realtek ALC269 High Definition Audio
STORAGE	1* SATA 3 Gb/s port (Support 2.5" Hard drive/SSD)
EXPANSION SLOTS	1 x M.2 slot(Support NGFF-2230 Wifi/BT) 1 x M.2 slot(Supports NGFF-2280 SATA/PCIeX4) 1 x Mini-PCIe slot (PCIeX1+USB2.0) ws Sim Slot
FRONT I/O	2 x RJ45 LAN port 2 x USB 3.0 4 x HDMI 1 x Power switch
REAR I/O	2 x USB2.0 2 x COM header (RS422/485/232, RI/5V/12V) 2 x COM Port (RS-232) 1 x DC Jack
SIDE I/O	2 x Antenna option
POWER	DC 9~36V (Full Range)
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
PACKAGING CONTENT	Box Packing Capacity: 5pcs Carton size: 500x327x217(mm) Content: SCREW I HEAD FOR 25HDD M3x8Lx 4 (25KSG-130081-K1R) THERMAL PAD TG-A3500 TGLOBAL x 2(25ST3-200052-T5R) CABLE SATA x 1 (25CF4-170020-S9R) TERMINAL BLOCKS MALE PLUG (25IO0-5ESDV0-D2R)
ORDER INFORMATION	System: 6BQP1900AMR-SI