

# GIGAIPC



## QBiX-Pro-AMDA1605H-A1

Industrial system with AMD® RYZEN™ V1605B Embedded Processor

### Key Features

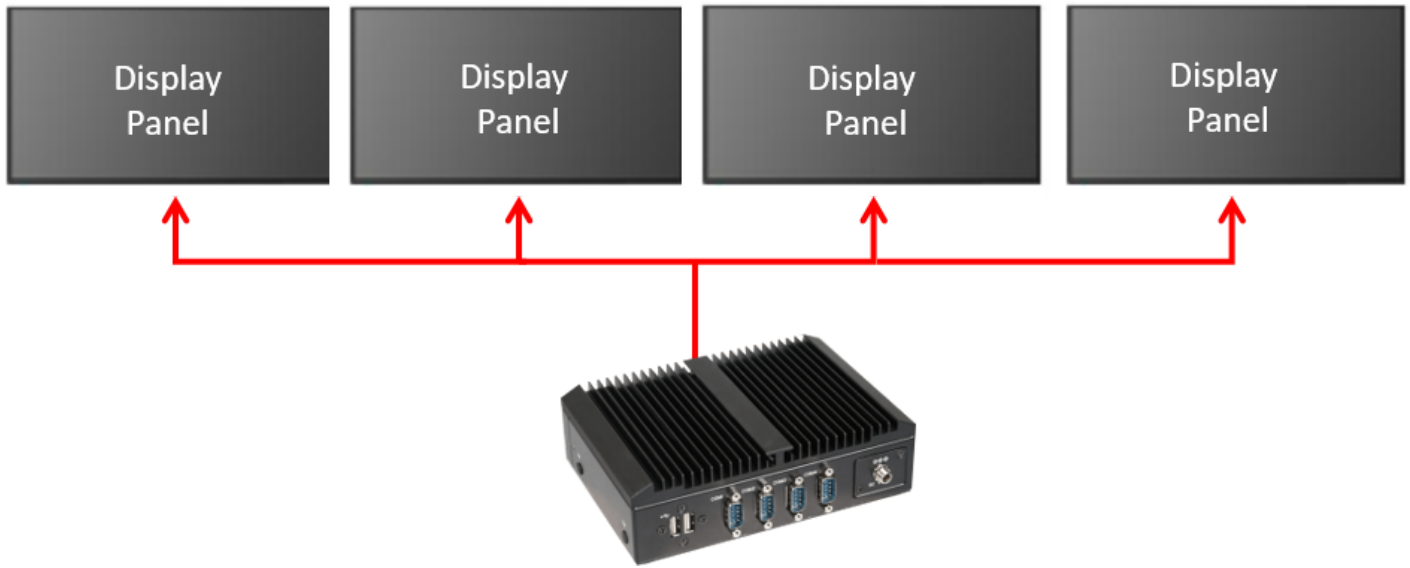
- System Size : 178W x 125D x 52.7H(mm)
- AMD® RYZEN™ V1605B Embedded Processor
- Dual Channel DDR4, 2 x SO-DIMMs
- 4 x HDMI 2.0 for multiple displays
- 2 x GbE LAN ports

### Application

- Factory Automation
- Smart Retail
- Industrial PC
- KIOSK / POS
- Embedded & Industrial Applications
- Digital Signage
- Menu Board / Video Wall
- Medicare
- Gaming

## SPECIFICATION

**QBiX-Pro-AMDA1605H-A1** is designed for retail and commercial market with AMD® Ryzen™ V1605B processor and support quad independent display output with 4 x HDMI 2.0 ports as well as rich I/O interface of 4 x COM ports (2 x switchable and 2 x RS-232), 2 x USB 3.0 and 2 x USB 2.0, to be connected to various devices for different working environment.



It features with onboard TPM2.0 chip for system security protection and supports a wide range of operating temperature from 0°C to 50°C with industrial fan-less thermal solution and therefore reduces the risk of fan failure. **QBiX-Pro-AMDA1605H-A1** is ruggedized, stable and reliable for indoor and outdoor environments.



<b>DIMENSION</b>	System Size : 178W x 125D x 52.7H (mm)
<b>CPU</b>	AMD® RYZEN™ V1605B Embedded Processor up to 3.6GHz, TDP 25W 2MB of shared L2 plus 4MB of shared L3 total
<b>CHIPSET</b>	SOC
<b>MEMORY</b>	2 x DDR4 SO-DIMM sockets, Max. Capacity 32 GB

	Dual channel memory architecture Support DDR 2400MHz
<b>ETHERNET</b>	2 x Realtek RTL8111HS (10/100/1000 Mbit)
<b>GRAPHIC SUPPORT</b>	Integrated Graphics Processor - AMD Radeon™ Vega 8 Graphics 4 x HDMI 2.0 ports, supporting a maximum resolution of 4096 x 2160 @ 60Hz (Support EDID emulation with AMD graphic driver/utility)
<b>AUDIO</b>	Realtek ALC269 High Definition Audio
<b>STORAGE</b>	1 x SATA 6 Gb/s port (Support 2.5 x Hard drive/SSD)
<b>EXPANSION SLOTS</b>	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) vs Sim Slot
<b>FRONT I/O</b>	2 x RJ45 LAN port 2 x USB 3.0 4 x HDMI 1 x Power switch
<b>REAR I/O</b>	2 x USB2.0 2 x COM header (RS-422/485/232, RI/5V/12V) 2 x COM Port (RS-232) 1 x DC Jack
<b>SIDE I/O</b>	2 x Antenna option
<b>TPM</b>	SECURITY TPM SLB9665VQ2.0
<b>POWER</b>	DC 9~36V (Full Range)
<b>OPERATION TEMPERATURE</b>	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
<b>VIBRATION DURING OPERATION</b>	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
<b>SHOCK DURING OPERATION</b>	Operation: IEC 60068-2-27, 50 G, half sine, 11 ms duration, With SSD
<b>PACKAGING CONTENT</b>	Box Packing Capacity: 5pcs Carton size: 500 x 327 x 217(mm) Content: SCREW I HEAD FOR 25HDD M3x8L x 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)
<b>ORDER INFORMATION</b>	System: 6BQP1900AMR-SI

**OPTIONAL KIT**

US power cord: 25EP2-10065M-F3S

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