



QBiX-Pro-AMDA1605H-A1

Industrial system with AMD Ryzen™ V1605B Embedded Processor

Key Features

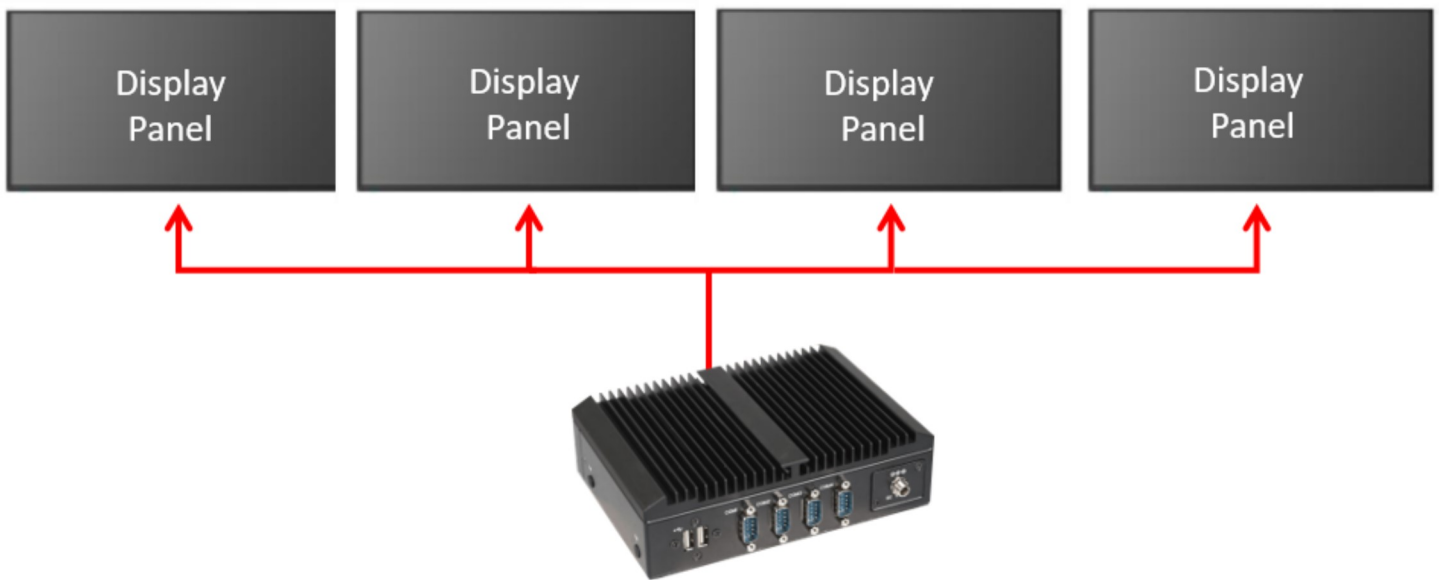
- System Size : 178W x 125D x 52.7H(mm)
- AMD Ryzen™ V1605B Embedded Processor
- Dual Channel DDR4, 2 x SO-DIMMs
- 4 x HDMI 2.0 for multiple displays
- 2 x GbE LAN ports

Application

- KIOSK / POS
- Digital Signage
- Menu Board / Video Wall
- Medicare
- Factory Automation

SPECIFICATION

QBiX-Pro-AMDA1605H-A1 integrated with GIGAIPC 3.5" SBC [QBiP-1605A](#), 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.



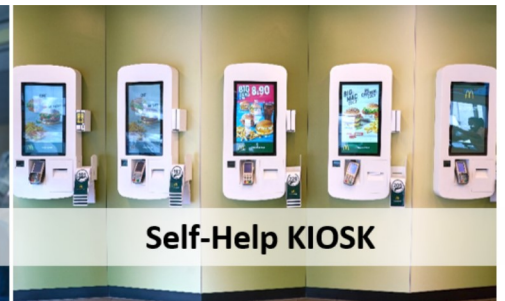
It features with onboard TPM2.0 chip for system security protection and supports a wide range of operating temperature from 0°C to 50°C with industrial fan-less thermal solution and therefore reduces the risk of fan failure. **QBiX-Pro-AMDA1605H-A1** is ruggedized, stable and reliable for indoor and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



Menu Board



Healthcare System



Self-Help KIOSK

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 2400MHz
ETHERNET	2 x Realtek RTL8111HS (10/100/1000 Mbit)
GRAPHIC SUPPORT	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)
AUDIO	Realtek ALC269 High Definition Audio
STORAGE	1 x SATA 6 Gb/s port (Support 2.5 x 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) with 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 (RS-422/485/232, RI/5V/12V) 2 x COM Port (RS-232) 1 x DC Jack
SIDE I/O	2 x External Antenna Hole (Optional)
TPM	SECURITY TPM SLB9665VQ2.0
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	<p>Box Packing Capacity: 5pcs Carton size: 505x231x333(mm) Content: SCREW I HEAD FOR 25HDD M3x8L*4(25KSG-130081-K1R) THERMAL PAD *2(25ST3-200052-T5R) THERMAL PAD *1(25ST3-200060-T5R) THERMAL PAD *1(25ST3-200051-T5R) CABLE SATA x 1 (25CF4-170020-S9R) POWER CORD 3Cx18AWG SVT US x 1(25CP0-007001-Q0R) POWER ADAPTER 19V 65W 100-240VAC x 1(25EP2-10065L-F3S)</p>
MOUNTING	Wall mount (Optional)
ORDER INFORMATION	System: 6BQP1605AMR-SI