



999.00 EUR  
incl. 19% VAT, plus [shipping](#)

- 2x Gigabit LAN !
- Metal enclosure !
- AMD Ryzen V1605B !
- 4x COM !



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

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.

|           |                                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------|
| Dimension | System Size : 178W x 125D x 52.7H (mm)                                                                   |
| CPU       | AMD Ryzen™ V1605B Embedded Processor<br>up to 3.6GHz, TDP 25W                                            |
| Chipset   | 2MB of shared L2 plus 4MB of shared L3 total<br>SOC                                                      |
| Memory    | 2 x DDR4 SO-DIMM sockets, Max. Capacity 32 GB<br>Dual channel memory architecture<br>Support DDR 2400MHz |

|                            |                                                                                                                                                                                                                                                                                                                     |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ethernet                   | 2 x Realtek RTL8111HS (10/100/1000 Mbit)                                                                                                                                                                                                                                                                            |
| Graphic support            | Integrated Graphics Processor - AMD Radeon™ Vega 8 Graphics<br>4 x HDMI 2.0 ports, supporting a maximum resolution of 4096 x 2160 @ 60Hz<br>(Support EDID emulation with AMD graphic driver/utility)                                                                                                                |
| Audio                      | Realtek ALC269<br>High Definition Audio                                                                                                                                                                                                                                                                             |
| Storage                    | 1 x SATA 6 Gb/s port (Support 2.5 x Hard drive/SSD)<br>1 x M.2 slot (Support NGFF-2230 Wifi/BT)                                                                                                                                                                                                                     |
| Expansion Slots            | 1 x M.2 slot (Supports NGFF-2280 SATA/PCIeX4)<br>1 x Mini-PCIe slot (PCIeX1 + USB2.0) with Sim Slot<br>2 x RJ45 LAN port                                                                                                                                                                                            |
| Front I/O                  | 2 x USB 3.0<br>4 x HDMI<br>1 x Power switch<br>2 x USB2.0                                                                                                                                                                                                                                                           |
| Rear I/O                   | 2 x COM header (RS-422/485/232, RI/5V/12V)<br>2 x COM Port (RS-232)<br>1 x DC Jack                                                                                                                                                                                                                                  |
| Side I/O                   | 2 x External Antenna Hole (Optional)                                                                                                                                                                                                                                                                                |
| TPM                        | SECURITY TPM SLB9665VQ2.0                                                                                                                                                                                                                                                                                           |
| Power                      | DC 9~36V (Full Range)<br>Operating temperature: 0°C to 50°C<br>Operating humidity: 0-90% (non-condensing)                                                                                                                                                                                                           |
| Operation temperature      | Non-operating temperature: -20°C to 70°C<br>Non-operating humidity: 0%-95% (non-condensing)<br>Use wide temperature range memory and storage<br>Operation: IEC 60068-2-64, 5 Grms, random, 5 ~ 500 Hz, 1 hr / Per Axis, With SSD/M.2 2242                                                                           |
| Vibration During Operation | 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<br>Box Packing Capacity: 5pcs<br>Carton size: 505x231x333(mm)<br>Content:                                                                                                                                                                      |
| Packaging Content          | SCREW I HEAD FOR 25HDD M3x8L*4(25KSG-130081-K1R )<br>THERMAL PAD *2( 25ST3-200052-T5R)<br>THERMAL PAD *1( 25ST3-200060-T5R)<br>THERMAL PAD *1( 25ST3-200051-T5R)<br>CABLE SATA x 1 (25CF4-170020-S9R)<br>POWER CORD 3Cx18AWG SVT US x 1(25CP0-007001-Q0R)<br>POWER ADAPTER 19V 65W 100-240VAC x 1(25EP2-10065L-F3S) |
| Mounting                   | Wall mount (Optional)                                                                                                                                                                                                                                                                                               |
| Order Information          | System: 6BQP1605AMR-SI                                                                                                                                                                                                                                                                                              |