QBIX-PRO-AMDA1605H-A1

BAREBONE QP-1605A-SI...

* 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

System Modules Specifications

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| **Dimension** | 178W x 125D x 52.7H(mm) |
| **CPU** | AMD Ryzen™ V1605B Embedded Processor14nm, 4 cores, 8 threads, 2.0 GHz, up to 3.6GHzTDP 25W |
| **Chipset** | SoC |
| **Memory** | 2 x DDR4 SO-DIMM sockets, Max. Capacity 32 GBSupport Dual channel DDR4 2400MHz memory modules |
| **Ethernet** | 2 x GbE LAN ports (Realtek® RTL8111HS) |
| **Graphic Support** | Integrated Graphics Processor - AMD Radeon™ Vega 8 Graphics:4 x HDMI 2.0 ports, supporting a maximum resolution of 4096x2160 @60Hz\*Support EDID emulation with AMD graphic driver/utility(4 independent display outputs) |
| **Audio** | Realtek® Audio Codec |
| **Storage** | 1 x 2.5" HDD/SSD (SATA 6 Gb/s) |
| **Expansion Slots** | 1 x 2280 M.2 M-Key (PCIe x4, SATA 6Gb/s)1 x 2230 M.2 E-Key (WiFi/BT)1 x Full-size Mini PCIe with SIM slot (PCIe x1 + USB2.0) -- support 3G module |
| **Front I/O** | 2 x RJ45 LAN ports2 x USB 3.04 x HDMI1 x Power switch1 x Power & HDD LED |
| **Rear I/O** | 2 x USB 2.02 x COM ports (RS-232/422/485 and RI/5V/12V)2 x COM ports (RS-232)1 x Screw Type DC Jack |
| **Power** | +9~36VDC (Adapter 19V/65W) |
| **Operation Temperature** | Operating temperature: 0°C to 50°COperating humidity: 0-90% (non-condensing)Non-operating temperature: -20°C to 70°CNon-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 2242Non-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: 5pcsCarton size: 505x333x231(mm)Including:Screw I Head for 2.5" HDD M3x8L x 4 (P/N: 25KSG-130081-K1R)Thermal Pad x 2 (P/N: 25ST3-200052-T5R)Thermal Pad x 1 (P/N: 25ST3-200060-T5R)Thermal Pad x 1 (P/N: 25ST3-200051-T5R)SATA cable x 1 (P/N: 25CF4-170020-S9R)Power cord : optional (by region)Power ADP 19V 65W 100-240VAC x 1 (P/N: 25EP1-100651-A3S) |
| **Order Information** | 6BQP1605AMR-SI (Box packing) |