

QBIX-Lite-AMDA1605H-A1

Industrial system with AMD® RYZEN™ Embedded V1605B / Fan Design / Dual Channel DDR4 up to 32GB / 4 x HDMI



Features

- System Size : 234W x 155D x 30H (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

Front I/O	2 x RJ45 LAN Ports 2 x USB 3.2 Gen 1 2 x USB 2.0 4 x HDMI 1 x Power button with LED 1 x HDD LED 1 x Screw Type DC Jack
Rear I/O	1 x COM Port (RS-232/422/485 & RI/5V/12V) 2 x USB 2.0 1 x Line out phone jack 2 x External Antenna Holes (Optional)
TPM	Onboard TPM 2.0 security chip INFINEON SLB9665TT2.0
Power	+9V~36VDC (Adapter 19V/65W)
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, 1 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

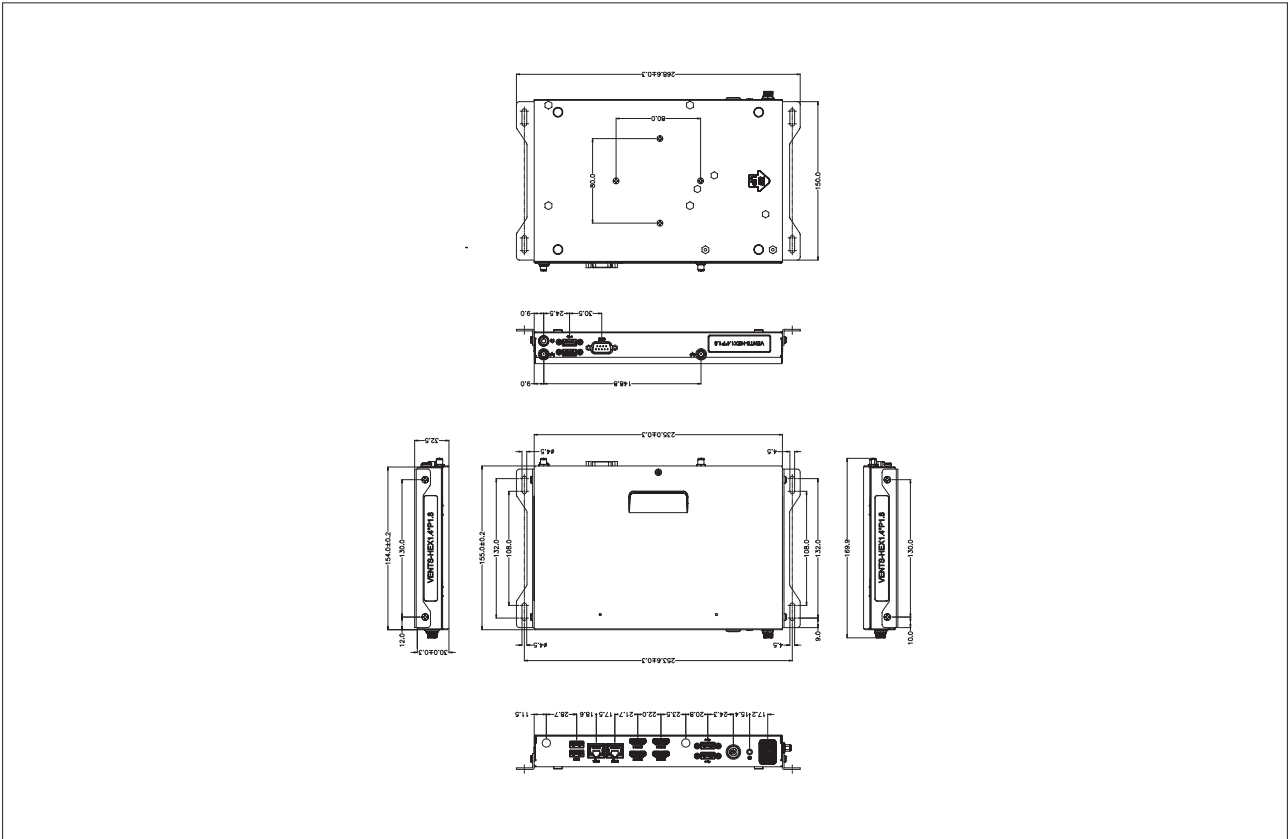
Specifications

Dimension	234W x 155D x 30H(mm)
CPU	AMD Ryzen™ V1605B Embedded Processor 14nm, 4 cores, 8 threads, 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 Support 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 6Gb/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

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Dimension

Unit: mm



Packing Content

- Carton size: 481 x 300 x 375 (mm)
- Packing Capacity: 5pcs
- Including:
 - Bracket for Wall Mount x 2 : 25HB1-SD4000-R0R
 - PSU ADP 19V 65W 100-240VAC x 1 : 25EP0-1065W1-A3S
 - Power Cord : Optional (by region)

Mounting

- Wall mount (Default)
- VESA 75/100 (Optional)

Order Information

- System: 6BQL1605AMR-SI (Box packing)

2026/04/13

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