

QBiX-DR-AMLA7433REH-A1

DIN Rail industrial system with Intel® Atom® x7433RE Processor



Features

- System Size : 160W x 118D x 62.6H(mm)
- Intel® Atom® x7433RE Processor
- Single Channel DDR5 4800 MHz
- 3 x COM Ports (RS-232/422/485 & RI/5V/12V)
- 1 x GPIO Port (8 Bits)
- 2 x 2.5GbE LAN Ports
- 1 x CANBus

Graphic support	Integrated Graphics Processor- Intel® UHD Graphics: 1 x HDMI 2.0 port, supporting a maximum resolution of 4096x2160 @60Hz 1 x VGA port, supporting a maximum resolution of 1920x1200 @60Hz (2 independent display outputs)
Audio	Realtek® ALC269
Storage	1 x 2.5" HDD/SSD (SATA 6Gb/s)
Expansion Slots	1 x 2280 M.2 M-Key (PCIe Gen3x1, SATA 6Gb/s) 1 x 2230 M.2 E-Key 1 x 3052/3042 M.2 B-key with SIM Slot – 4G/5G Support 1 x Vertical USB 2.0
Front I/O	2 x RJ45 LAN Ports 2 x USB 3.2 Gen 1 2 x USB 2.0 1 x HDMI 1 x VGA 2 x COM Ports (RS-232/422/485 & RI/5V/12V) 1 x Power button with LED 1 x WiFi/HDD LED 1 x Remote control connector 1 x Combo audio jack (Headphone & Headset) 1 x External Antenna Hole (Optional)
Rear I/O	1 x Din Rail Mounting Support
Side I/O	1 x GPIO (8 bits) 1 x 3-pin Terminal Block 1 x COM Port (RS-232/422/485 & RI/5V/12V) 1 x CANBus 2 x External Antenna Holes (Optional)
TPM	Onboard TPM 2.0 security chip Nuvoton NPCT764AABYX
Power	+9V~36VDC (Full Range)
Operation temperature	Operating temperature: -20°C to 70°C Operating humidity: 40°C @ 20-95% (non-condensing) Non-operating temperature: -40°C to 85°C Non-operating humidity: 60°C @ 95% (non-condensing) Use wide temperature range memory and storage
Vibration During Operation	Operation: IEC 60068-2-64, 3 Grms, random, 5 ~ 500 Hz, 1 hr / Per Axis, With SSD/M.2 2280 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
Mounting	DIN Rail Wall mount (Optional)

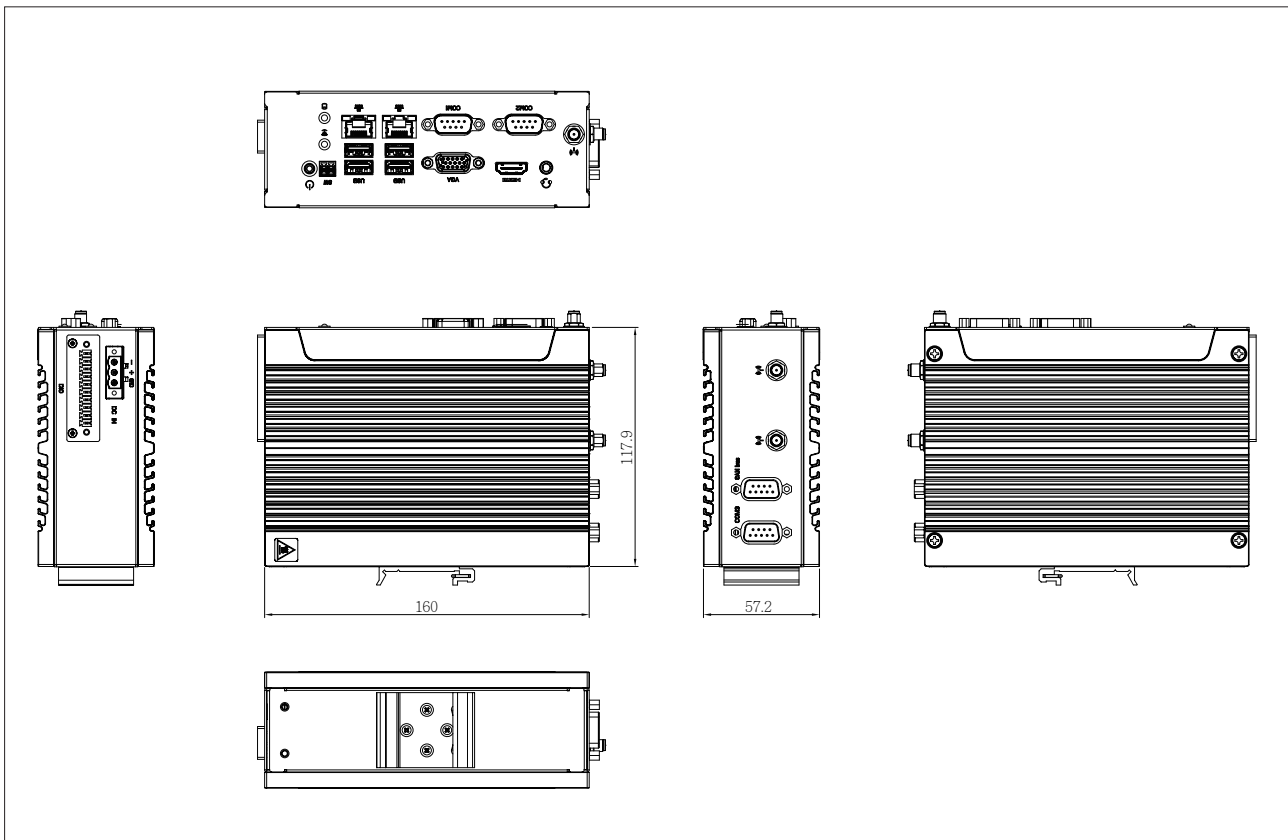
Specifications

Dimension	System Size : 160W x 118D x 62.6H (mm)
CPU	Intel® Atom® x7433RE Processor Intel 7, 4 cores, up to 3.40 GHz
Memory	1 x DDR5 SO-DIMM sockets, Max. Capacity 16 GB Support Single channel DDR5 4800 MHz memory modules
Ethernet	2 x 2.5GbE LAN Ports (Intel® I226IT)

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Dimension

Unit: mm



Packing Content

- Carton size: 416 x 409 x 347 (mm)
- Packing Capacity: 6pcs
- Single Box size: 308 x 191 x 130 (mm)
- Including:
 - Terminal Blocks for DC IN, 1*3P x 1 (P/N: 25I00-5ESDV0-D2R)
 - Terminal Blocks for SW, 1*2P x 1 (P/N: 25I00-EC3500-D2R)
 - Terminal Blocks for GPIO, 1*10P x 1 (P/N: 25I00-EC3810-D2R)
 - HDD screw M3x4L x 4 (P/N: 25984G-1C014-S00)

Order Information

- System: 6BDR7433AMR-SI (Box packing)
(Built in Components: Please contact with your sales representative for more information or e-mailed to : sales@gigaipc.com)

Optional Kit

Part No.	Description	Quantity
25HB2-CGAA20-CHR	Wall mount	1

2025/08/25

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