

## QBIX-RPLA1315EH-A1

Industrial System with Intel® Core™ i3-1315UE Processor/ Lockable DC Connector/ 2 x HDMI/ 1 x DP 1.4 (USB type C – DP Alt. mode)/ 2 x LAN Ports



### Features

- System Size: 138W x 118D x 74.2H (mm)
- Intel® Core™ i3-1315UE Processor
- Dual Channel DDR5, 2 x SO-DIMMs
- 1 x COM Port (RS-232/422/485)
- 2 x HDMI, 1 x DP1.4 (USB type C – DP Alt. mode) for Triple Display
- 1 x 2.5GbE LAN Port
- 1 x GbE LAN Port

### Specifications

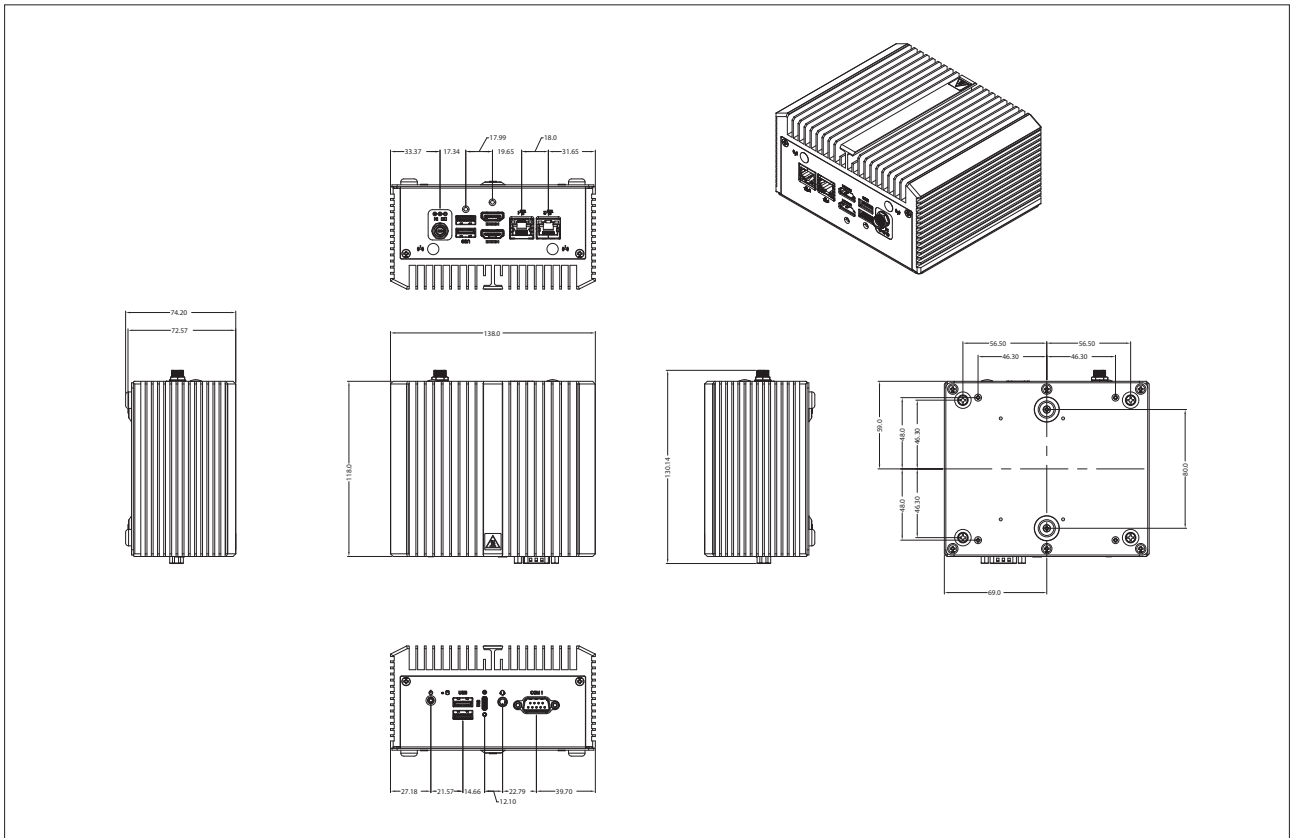
Dimension	System Size: 138W x 118D x 74.2H (mm)
CPU	Intel® Core™ i3-1315UE Processor Intel® 7, 6 cores, 2P+4E, 8 threads, up to 4.5 GHz
Chipset	SoC
Memory	2 x DDR5 SO-DIMM sockets, Max. Capacity 64 GB Support Dual Channel DDR5 5200MHz memory modules
Ethernet	1 x 2.5 GbE LAN Port (Intel® I226V) 1 x GbE LAN Port (Realtek® RTL8111H)
Graphics support	Integrated Graphics Processor - Intel® UHD Graphics for 13th Gen. Intel® Processors: 2 x HDMI 2.0 ports, supporting a maximum resolution of 4096x2160 @60Hz 1 x DP 1.4 through USB Type C (DP Alt. mode), supporting a maximum resolution of 7680x4320 @30Hz, requires designated graphic driver  (3 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 Gen 4x4, SATA 6Gb/s) 1 x 2230 M.2 E-Key (WiFi/BT)
Front I/O	2 x USB 3.2 Gen 2x1 1 x USB 3.2 type C with DP 1.4b (DP Alt. mode) 1 x Power button with LED 1 x HDD LED 1 x COM Port (RS-232/422/485) 1 x Combo Audio Jack (Headphone & Headset)
Rear I/O	2 x HDMI 2 x RJ45 LAN Ports 2 x External Antenna Holes (Optional) 2 x USB 3.2 Gen 2x1 1 x Screw type DC Jack
Side I/O	—
TPM	Onboard TPM 2.0 security chip INFINEON SLB9672VU2.0
Power	+12V~24VDC (Adapter 19.5V/135W)
Operation temperature	Operating temperature: 0°C to 50°C Operating humidity: 0-90% (non-condensing) Non-operating temperature: -40°C to 85°C Non-operating humidity: 0%-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 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

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## Dimension

Unit: mm



## Packing Content

- Carton size: 416 x 409 x 296 (mm)
- Packing Capacity: 6pcs
- Including:
  - PSU ADP 19.5V 135W 100-240VAC x 1 (P/N: 25EP4-201352-C1S)
  - Power Cord: Optional (by region)
  - Wall Mount Bracket x 2 (P/N: 25HB2-CGAA20-CHR)
  - Screw I Head for 2.5" HDD M3x8L x 4 (P/N: 25KSG-130081-K1R)
  - Thermal PAD for DRAM2 x 1 (P/N: 25ST3-200086-T5R)

## Order Information

- System: 6BQB1315AMR-SI (Box packing)

2024/08/15

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