

# QBiX-Pro-RPLA1355H-A1

Industrial system with Intel® Core™ i7-1355U Processor/ Fanless Design / Dual Channel DDR4 up to 64GB/ 2 x HDMI



## Features

- System Size : 178W x 125D x 52.7H (mm)
- Intel® Core™ i7-1355U Processor
- Dual Channel DDR4, 2 x SO-DIMMs
- 2 x HDMI for Dual display
- 2 x 2.5GbE LAN Ports

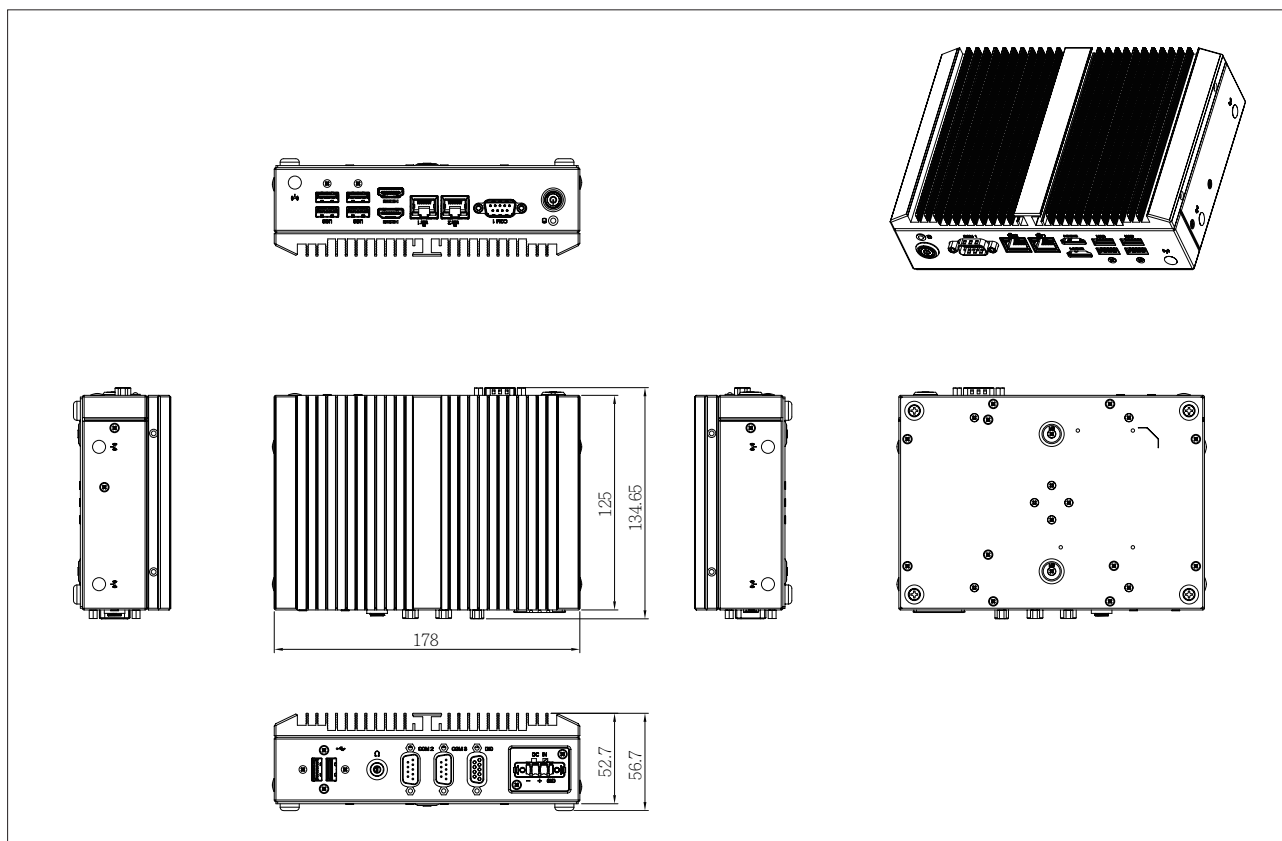
## Specifications

|                            |                                                                                                                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimension                  | System Size : 178W x 125D x 52.7H (mm)                                                                                                                                                                                           |
| CPU                        | Intel® Core™ i7-1355U Processor<br>Intel® 7, 10 cores, 2P+8E, 12 threads, up to 5.0 GHz                                                                                                                                          |
| Chipset                    | SoC                                                                                                                                                                                                                              |
| Memory                     | 2 x DDR4 SO-DIMM sockets, Max. Capacity 64 GB<br>Support Dual Channel DDR4 3200 MHz memory modules                                                                                                                               |
| Ethernet                   | 2 x 2.5GbE LAN Ports (Intel® I226V)                                                                                                                                                                                              |
| Graphics support           | Integrated Graphics Processor -<br>Intel® Iris® Xe Graphics :<br>2 x HDMI 2.0 ports, supporting a maximum resolution of 4096x2160 @60Hz<br><br>(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 Gen 4x4, SATA 6Gb/s)<br>1 x 2230 M.2 E-Key<br>1 x Full-size Mini PCIe with SIM slot                                                                                                                     |
| Front I/O                  | 2 x RJ45 LAN Ports<br>4 x USB 3.2 Gen 2x1<br>2 x HDMI<br>1 x Power button with LED<br>1 x HDD LED<br>1 x COM Port (RS-232/422/485 & RI/5V/12V)<br>1 x External Antenna Hole (Optional)                                           |
| Rear I/O                   | 2 x USB 2.0<br>2 x COM Ports (RS-232/422/485)<br>1 x GPIO (8 bits)<br>1 x Headphone Jack<br>1 x 3-pin Terminal block                                                                                                             |
| Side I/O                   | 2 x External Antenna Holes (Optional)                                                                                                                                                                                            |
| TPM                        | Onboard TPM 2.0 security chip<br>INFINEON SLB9672VU2.0                                                                                                                                                                           |
| Power                      | +9~36VDC (Full Range)                                                                                                                                                                                                            |
| Operation temperature      | Operating temperature: 0°C to 50°C<br>Operating humidity: 0-90% (non-condensing)<br>Non-operating temperature: -40°C to 85°C<br>Non-operating humidity: 0%-95% (non-condensing)<br>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 2280<br>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                   | Wall mount P/N: 25HB2-CGAA20-CHR x 1 (Optional)<br>VESA 75/100 P/N: 25HB1-TPL021-S8R x 1 + 25KSD-000002-COR x 1 (Screw) (Optional)                                                                                               |

GIGAIPC reserves the right to modify or change technical data without prior notice.

## Dimension

Unit: mm



## Packing Content

- Carton size: 505 x 333 x 231 (mm)
- Packing Capacity: 5pcs
- Single Box size : 313 x 191 x 95 (mm)
- Including:
  - Screw I Head for 2.5" HDD M3x8L x 4 (P/N: 25KSG-130081-K1R)
  - Thermal Pad for Memory x 1 (P/N: 25ST3-200086-T5R)
  - SATA Cable x 1 (P/N: 25CRI-070000-S9R)
  - Terminal Blocks Male Plug x 1 (P/N: 25IO0-5ESDV0-D2R)

## Order Information

- System: 6BQP1355AMR-SI (Box packing)

2024/07/03

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