

QBiX-Expert-RPLA1320PEH-A1

Industrial system with Intel® Core™ i3-1320PE Processor/ Fanless Design / Dual Channel DDR5 up to 64 GB/
2 x HDMI



Features

- System Size : 210.36W x 165D x 65H (mm)
- Intel® Core™ i3-1320PE Processor
- Dual Channel DDR5, 2 x SO-DIMMs
- 2 x HDMI for Dual display
- 4 x GbE LAN Ports with PoE 15W/Port
- 4 x GbE LAN Ports
- 2 x 2.5GbE LAN Ports

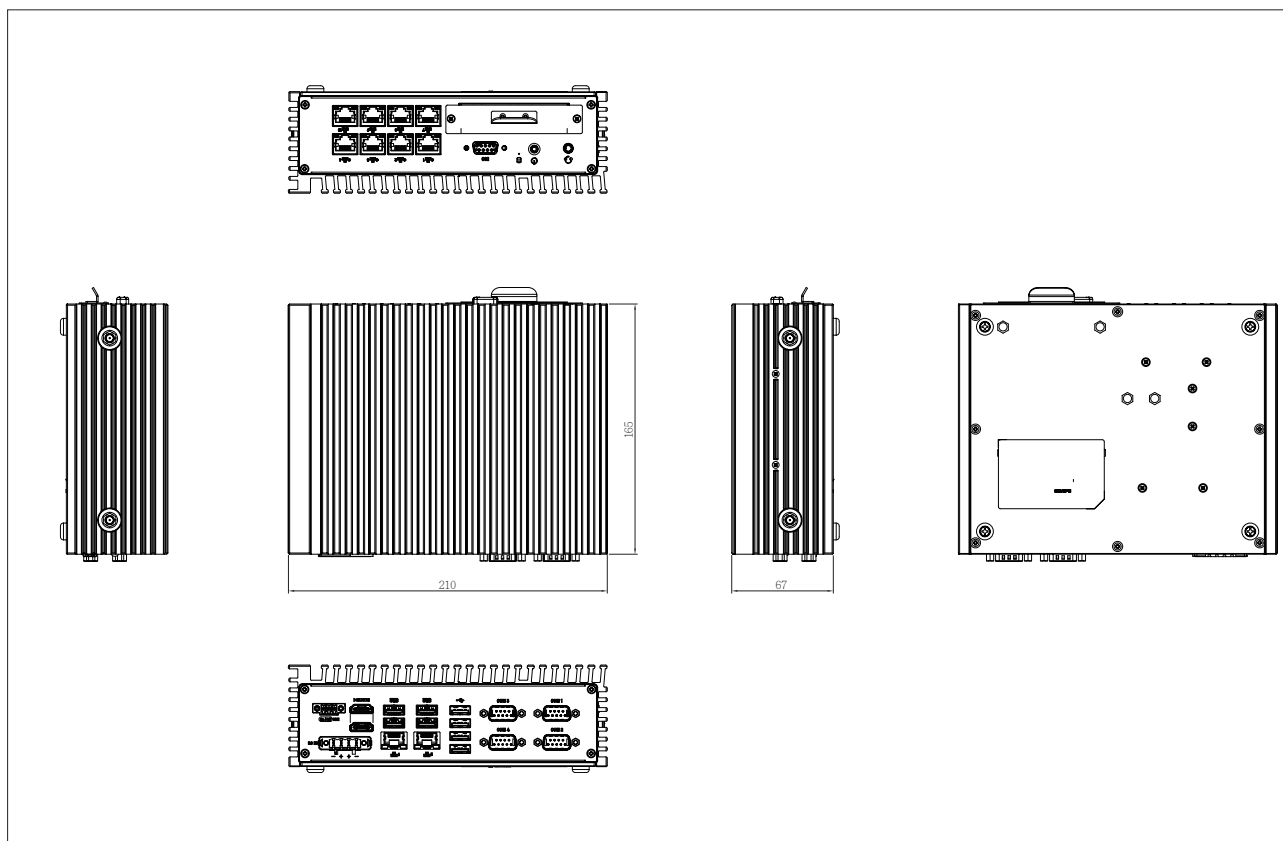
Specifications

Dimension	System Size : 210.36W x 165D x 65H(mm)
CPU	Intel® Core™ i3-1320PE Processor Intel 7, 8 cores, 12 threads, up to 4.5 GHz
Chipset	SoC
Memory	2 x DDR5 SO-DIMM sockets, Max. Capacity 64 GB Support Dual Channel DDR5 5200 MHz memory modules
Ethernet	2 x 2.5GbE LAN Ports (Intel® I226V) 4 x GbE LAN Ports (Intel® I226V) 4 x GbE LAN Ports with PoE support (Intel® I226V)
Graphic 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 (2 independent display outputs)
Audio	Realtek® ALC269
Storage	2 x Swappable 2.5" HDD/SSD (SATA 6Gb/s)
Expansion Slots	1 x 2280 M.2 M-Key (PCIe Gen4x4) 1 x 2230 M.2 E-Key (WiFi/BT) 1 x 3052 M.2 B-Key with SIM slot
Front I/O	4 x RJ45 LAN Ports with PoE 4 x RJ45 LAN Ports 1 x GPIO (8 bits) 1 x HDD LED 1 x Power button with LED 1 x Combo audio jack (Headphone & Headset)
Rear I/O	2 x RJ45 LAN Ports 1 x COM Port (RS-232/422/485 & RI/5V/12V) 3 x COM Ports (RS-232/422/485) 4 x USB 3.2 Gen 1 4 x USB 2.0 2 x HDMI 1 x Ignition support (3pin) 1 x 4-pin Terminal Block
Side I/O	4 x External Antenna Holes (wifi/5G)-optional
TPM	Onboard TPM 2.0 security chip INFINEON SLB9672XU2.0
Power	+19~36VDC
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/M.2 2280 Non-operation: IEC 60068-2-6, 2 Grms, Sine, 10 ~ 500 Hz, 1 Oct/min, 1 hr / Per Axis
Shock During Operation	Operation: IEC 60068-2-27, 50 Grms, half sine, 11 ms duration, With SSD

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

Dimension

Unit: mm



Packing Content

- Carton size: 572 x 321 x 372 (mm)
- Packing Capacity: 4pcs
- Including:
 - 3-pin Terminal Blocks Male Plug x 1 (P/N: 25IO0-EC3811-D2R)
 - 4-pin Terminal Blocks Male Plug x 1 (P/N: 25IO0-2ESDVO-D2R)
 - Screw For 2.5" HDD M3x4L x 8 (P/N: 25KS2-13004G-S0R)
 - Thermal Pad for SSD x 2 (P/N: 25ST3-260200-T5R)
 - Thermal Pad for Memory x 1 (P/N: 25ST3-200086-T5R)

Order Information

- System: 6BQE1320AMR-SI (Box Packing)

2025/09/19

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