



QBiX Expert Series (Surveillance Fanless Systems)

QBiX-Expert-RPLA1320PEH-A1

Preliminary

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Key Features

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

- 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
- 10 x LAN Ports

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Specification

Specification

Dimension	210.36W x 165D x 65H(mm)
CPU	Intel® Core™ i3-1320PE Processor Intel 7, 8 cores, 12 threads, up to 4.50 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 4 x GbE LAN Ports 4 x PoE GbE LAN Ports

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Graphics Support

Integrated Graphics Processor - Intel® UHD Graphics for 13th Gen Intel® Processors:
2 x HDMI 2.1 ports, supporting a maximum resolution of 4096x2160 @60Hz

(2 independent display outputs)

Audio

Realtek® Audio Codec

Storage

Support 1 x Swappable 2.5" HDD/SSD (SATA 6Gb/s)

Expansion-Slots

1 x 2280 M.2 M-Key (PCIe Gen 4x4)
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 2.5GbE LAN Ports
4 x COM Ports (RS-232/422/485)
4 x USB 3.2 Gen1
4 x USB 2.0
2 x HDMI
1 x Ignition support (3 pin)- HW Jumper
1 x 4-pin Terminal block (DC IN)

Side I/O

4 x External Antenna Holes (wifi/5G)-optional

TPM

TPM on board

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

Order Information

6BQE1320AMR-SI (Box Packing)

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