GIGAIPC

QBiX-Pro-EHLA6425EH-A2/ QBiX-Pro-EHLA6413EH-A2

Industrial system with Intel® Atom® x6425E/x6413E Processor/ Fanless Design / Dual Channel DDR4 up to 32GB/ 2 x HDMI

Key Features

- System Size : 178W x 125D x 52.7H (mm)
- Intel® Atom® x6425E/x6413E Processor
- Dual Channel DDR4, 2 x SO-DIMMs
- 1 x COM Port (RS-232/422/485 & RI/5V/12V)
- 1 x COM Port (RS-232/422/485)
- 1 x COM Port (RS-232)
- 2 x GbE LAN Ports

Application

SPECIFICATION

Specification

Dimension	178W x 125D x 52.7H(mm)
CPU	Intel® Atom® x6425E Processor 10nm, 4 cores, 4 threads, up to 3.0 GHz TDP 12W Intel® Atom® x6413E Processor 10nm, 4 cores, 4 threads, up to 3.0 GHz TDP 9W
Memory	2 x DDR4 SO-DIMM sockets, Max. Capacity 32 GB Support Dual Channel DDR4 3200 MHz memory modules
Ethernet	2 x GbE LAN Ports (Intel® I211AT)
Graphic Support	Integrated Graphics Processor - Intel® UHD Graphics for 10th Gen Intel® Processors: 2 x HDMI 2.0 port, supporting a maximum resolution of 4096x2160 @60Hz (2 independent display outputs)
Audio	Realtek® Audio Codec
Storage	1 x 2.5” HDD/SSD (SATA 6Gb/s)
Expansion Slots	1 x 2280 M.2 M-Key (PCIe x2, SATA 6Gb/s) 1 x Full-size Mini PCIe with SIM slot
Front I/O	2 x RJ45 LAN Ports 4 x USB 3.2 Gen 1 2 x HDMI 1 x Power button with LED 1 x HDD LED 1 x Headphone Jack
Rear I/O	2 x USB 2.0 1 x COM Port (RS-232/422/485 & RI/5V/12V) 1 x COM Port (RS-232/422/485) 1 x COM Port (RS-232) 1 x GPIO (8 bits) 1 x Screw Type DC Jack
Side I/O	2 x External Antenna Holes (Optional)

Power	+12V~36VDC (Adapter 19V/65W)
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 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