

# GIGAIPC



## QBiX2-Pro-APLB4200H-A1

Industrial system with Intel® Pentium® N4200 Processor

### Key Features

- System Size : 178W x 125D x 90.2H(mm)
- Intel® Pentium® Processor N4200
- Dual Channel DDR3L, 2 x SO-DIMMs
- HDMI, D-sub for Dual display
- 2 x GbE LAN port

### Application

- Embedded & Industrial Applications
- Factory Automation
- KIOSK / POS
- Transportation
- DVR / Surveillance

## SPECIFICATION

Industrial system with Intel® Pentium® N4200 Processor

<b>DIMENSION</b>	178W x 125D x 90.2H(mm)
<b>CPU</b>	Intel® Pentium® Processor N4200 14nm, 4 cores, 4 threads, up to 2.50 GHz TDP 6W 2MB L2 cache
<b>CHIPSET</b>	SOC
<b>MEMORY</b>	2 x DDR3L SO-DIMM sockets, Max. Capacity 8 GB Support Single Channel DDR 1866MHz memory modules
<b>ETHERNET</b>	2 x GbE LAN ports (Intel® i211AT)
<b>GRAPHIC SUPPORT</b>	Integrated Graphics Processor - Intel® HD Graphics 505: 1 x HDMI port, supporting a maximum resolution of 3840x2160 @30Hz 1 x VGA port, supporting a maximum resolution of 2560x1600 @60Hz (with compatible displays)  (2 independent display outputs)
<b>AUDIO</b>	Realtek ALC269 High Definition Audio
<b>STORAGE</b>	1 x 2.5" HDD/SSD (SATA 6Gb/s)
<b>EXPANSION SLOTS</b>	1 x 2242 M.2 M-Key (SATA 6Gb/s) 1 x Full-size Mini PCIe with SIM slot (PCIe x1 + USB2.0) -- support 3G/4G module
<b>FRONT I/O</b>	2 x RJ45 LAN ports 2 x USB 3.0 1 x HDMI 1 x VGA 1 x Power switch 1 x Power & HDD LED 1 x Headphone Jack 4 x COM Ports (RS-422/485/232 and RI/5V/12V)
<b>REAR I/O</b>	6 x USB2.0 1 x COM Port (RS-422/485/232 and RI/5V/12V) 3 x COM Ports (RS-232)

	<p>1 x 3-pin Terminal Block  1 x GPIO (8 bits), SMBUS &amp; Remote control  1 x 3-pin terminal block  (Screw type DC input, optional)</p>
<b>SIDE I/O</b>	2 x External Antenna Hole (Optional)
<b>POWER</b>	+9~36VDC (Full Range)
<b>OPERATION TEMPERATURE</b>	<p>Operating temperature: 0°C to 50°C  Operating humidity: 0-90% (non-condensing)  Non-operating temperature: -20°C to 70°C  Non-operating humidity: 0%-95% (non-condensing)  Use wide temperature range memory and storage</p>
<b>VIBRATION DURING OPERATION</b>	<p>Operation: IEC 60068-2-64, 5 Grms, random, 5 ~ 500 Hz, 1 hr / Per Axis, With SSD/M.2 2242  Non-operation: IEC 60068-2-6, 2 G, Sine, 10 ~ 500 Hz, 1 Oct/min, 1 hr / Per Axis</p>
<b>SHOCK DURING OPERATION</b>	Operation: IEC 60068-2-27, 50 G, half sine, 11 ms duration, With SSD
<b>PACKAGING CONTENT</b>	<p>Box Packing Capacity: 1  Carton size: 232x203x184(mm)  CONTENT:  SCREW I HEAD FOR 25HDD M3x8L*4 (P/N: 25KSG-130081-K1R)  THERMAL PAD x2 (P/N: 25ST3-200052-T5R)  CABLE SATA x1 (P/N: 25CF4-170020-S9R)  TERMINAL BLOCKS MALE PLUG (P/N: 25IO0-5ESDV0-D2R)</p>
<b>MOUNTING</b>	Wall mount (Optional)
<b>ORDER INFORMATION</b>	<p>9BQD4200AMR-SI  (Built in : DDR3L 4GB / 128GB M.2 SSD)</p>