QBix-Plus-APLA3450-A1

Industrial system with Intel® Celeron® N3450 Processor

Key Features

- System Size : 165W x 105D x 27H (mm)
- Intel® Celeron® Processor N3450
- Dual Channel DDR3L, 2 x SO-DIMMs
- 2 x HDMI for Dual display
- 2 x GbE LAN port

Application

- Healthcare
- Smart Retail
- Industrial PC
- KIOSK
- Menu Board
- Digital Signage
- IoT System

SPECIFICATION

The Perfect Fit for IoT Applications

Being an associate member of the Intel IoT Solutions Alliance, GIGAIPC is devoting efforts to present solutions for Internet of Things (IoT) computing reference designs for Intel's new platforms, and develop them further into a large range of professional IoT products and customer-optimized solutions performance and security, robust build quality and the Input/output (I / O) flexibility, **QBix-Plus-APLA3450-A1** is made a perfect fit for various IoT appl

Intel® Celeron Processor

Thhe new generationi of Intel® Celeron Processors leverage the 14nm process technology. The new processors improve upon power consumption along with enhancements in performance of graphics and computations. Intel® Celeron processors deliver a 30% increase in performance and at least 35% better 3D graphics performance gen-over-gen. The system-on-chip (SoC) design provides an even smaller footprint than its desktop counterparts, making **QBix-Plus-APLA3450-A1** the ideal solution for thin clients, POS solutions, and digital signage.

Rich in Connectivity Options

QBix-Plus-APLA3450-A1 ensures you won't be hindered by lack of connections. Having built-in 802.11ac and Bluetooth 4.2 gives users a higher cap coverage, allowing them to use their devices and accessories wherever they wish, with no compromise on the speed. Gigabit Ethernet can help increa compatible devices on your wired LAN, especially when large file transfers are involved.

Dual Display

With two HDMI outputs, **QBix-Plus-APLA3450-A1** can power two displays simultaneously, making it a perfect choice as a high productivity device in

VESA Mount Support

Bundled with a VESA bracket, **QBix-Plus-APLA3450-A1** can easily be mounted behind a monitor or HDTV, offering a simple and effective way to turr display or TV into a full-featured PC or digital signage unit.

SuperSpeed USB 3.0

Equipped with 4 x USB 3.0 ports, **QBix-Plus-APLA3450-A1** is flexible to adapt to your desired multimedia environment. The SuperSpeed USB 3.0 su up to 5 Gb/s and is backward compatible with USB 2.0 and 1.0 for the possibility to connect thousands of devices.

Support RS232 / 422 / 485

QBix-Plus-APLA3450-A1 is equipped with 1 x RJ45 connector with D-SUB 9-pin adapter cable to support RS-232 / 422 / 485 w/o RI via settings in th

DIMENSION	System Size : 165W x 105D x 27H (mm)
CPU	Intel® Celeron® Processor N3450 14nm, 4 cores, 4 threads 1.10 - 2.20 GHz TDP 6W 2MB L2 cache
CHIPSET	SOC
MEMORY	2 x DDR3L SO-DIMM sockets, Max. Capacity 8 GB Support DDR 1866MHz
ETHERNET	2 x GbE LAN ports (Realtek RTL8111HS)

GRAPHIC SUPPORT	Integrated Graphics Processor -Intel® HD Graphics 500 2 x HDMI port, supporting a maximum resolution of 3840x2160 @ 30Hz
AUDIO	Realtek ALC255 High Definition Audio
EXPANSION SLOTS	1 x M.2 slot(Support NGFF-2230 Wifi/BT) 1 x M.2 slot(Supports NGFF-2280 SATA) 1 x Mini-PCIe slot (PCIeX1+USB2.0) ws Sim Slot
FRONT I/O	2 x USB3.0 1 x RJ45 connector (support RS232/422/485) 1 x Micro SD card slot 1 x Power button
REAR I/O	1 x Combo Audio Jack (Microphone & Headphone) 2 x RJ45 LAN port 2 x USB 3.0 2 x HDMI 1.4b 3840 x2160@30Hz 1 x DC IN
SIDE I/O	3 x Antennna (option)
POWER	DC 19V (Adapter 19V 65W)
OPERATION TEMPERATURE	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)
PACKING CONTENT	Box Packing Capacity: 10pcs Carton size: 416x359x257(mm) Content: POWER CORD 3Gx0.75 H03VV-F SP05/QP038 700mm TW x 1 (25CP2-007006-Q0R) PSU ADP 19V 65W 100-240VAC x 1 (25EP2-10065K-F3S) CABLE RJ45 TO D-SUB #24 150mm x 1 (25CR0-150400-S9R) VESA MOUNT BRACKET x 1 (25HB2-XM2720-E4S)
ORDER INFORMATION	System: 9BCBBAZAMR-SI
OPTIONAL KIT	Internal Antenna 200mm : 25CA0-200006-A5S Internal Antenna 230mm : 25CA0-230001-A5S Internal Antenna 150mm : 25CA0-150002-A5S WiFI/BT module : 25FC7-3165N0-10R Antenna _WiFI x 2 : 25CA0-111000-A5S Antenna _3G x 1 : 25CA0-111001-A5S