GIGAIPC

QBiX-Plus-KBLA7100-A1

Industrial system with Intel® Core™ i3-7100U Processor

Key Features

- System Size : 180W x 117D x 36H (mm)
- Intel® Core™ i3-7100U Processor
- DDR4 4GB
- M.2 SSD 128GB
- Dual Channel DDR4, 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-KBLA7100-A1** is made a perfect fit for various IoT appl

Intel® 7th Generation Core™ Processor

Intel® 7th Gen Core processor utilizes a power efficient microarchitecture, advanced process technology, and silicon optimizations to performance than previous generation processors, delivering more responsive performance than ever before.

Rich in Connectivity Options

QBix-Plus-KBLA7100-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 UHD Resolution

With two HDMI outputs, **QBix-Plus-KBLA7100-A1** can power two displays simultaneously, making it a perfect choice as a high productivity device in addition, with HDMI 2.0, it also support native resolution of 4K at 60Hz, presenting unrivaled visual clarity and stunning realism to owners of UHD disp

VESA Mount Support

Bundled with a VESA bracket, **QBix-Plus-KBLA7100-A1** can easily be mounted behind a monitor or HDTV, offering a simple and effective way to turn display or TV into a full-featured PC or digital signage unit.

Fast USB 3.1 Solution

The latest USB 3.1 offers a staggering 10Gb/s transfer speed, 2x faster than USB 3.0 and backward compatibility with existing USB devices.

Support RS232 / 422 / 485

QBix-Plus-KBLA7100-A1 is equipped with 1 x COM port to support RS-232 / 422 / 485 for industrial applications.

DIMENSION	System Size : 180W x 117D x 36H (mm)
CPU	Intel® Core™ i3-7100U Processor 14nm, 2 cores, 4 threads 2.40 GHz

	TDP 15W 3 MB SmartCache
CHIPSET	SOC
MEMORY	2 x DDR4 SO-DIMM sockets Max. Capacity 32 GB Support DDR 2133MHz
ETHERNET	2 x GbE LAN ports (Intel® i219LM and Intel® i210AT)
GRAPHIC SUPPORT	Integrated Graphics Processor - Intel® HD Graphics 620 support 2 x HDMI2.0 port, supporting a maximum resolution of 4096x2160@60 Hz
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/PCIeX4) 1 x Mini-PCIe slot (PCIeX1 + USB2.0) with Sim Slot
FRONT I/O	1 x USB3.1 Type C 1 x USB3.1 Type A 2 x USB3.0 1 x COM (support RS-232/422/485) 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 Type A 2 x HDMI 2.0 1 x DC IN
SIDE I/O	3 x Antennna (option)
POWER	DC 19V (Adapter 19V 90W)
OPERATION TEMPERATURE	Operating temperature: 0°C to 40°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: 5pcs Carton size: 451 x 186 x 245(mm) Content: POWER CORD 3Cx18AWG SVT QP-02+QP038 700mm US *1(25CP0-007001-Q0R) PSU ADP 19V 90W 100-240VAC*1(25EP4-100908-F3S) VESA MOUNT BRACKET*1 (25HB2-XM2720-E4S)
ORDER INFORMATION	System : 9BCKABZAMR-SI-8V30 (CTO)
OPTIONAL KIT	Internal Antenna 90mm :25CA0-090003-A5S Internal Antenna 120mm :25CA0-120002-A5S Internal Antenna 120mm : 25CA0-120003-A5S WiFI module : 25FC7-3165N0-10R Antenna _WiFI*2 : 25CA0-111000-A5S Antenna _3G *1 : 25CA0-111001-A5S