QBiX-Pro-KBLB7200H-A2

Industrial system with Intel® Core™ i5-7200U Processor

Key Features

- System Size: 178W x 125D x 52.7H (mm)
- Intel® Core™ i5-7200U Processor
- Dual Channel DDR4, 2 x SO-DIMMs
- HDMI, Display port for Dual display
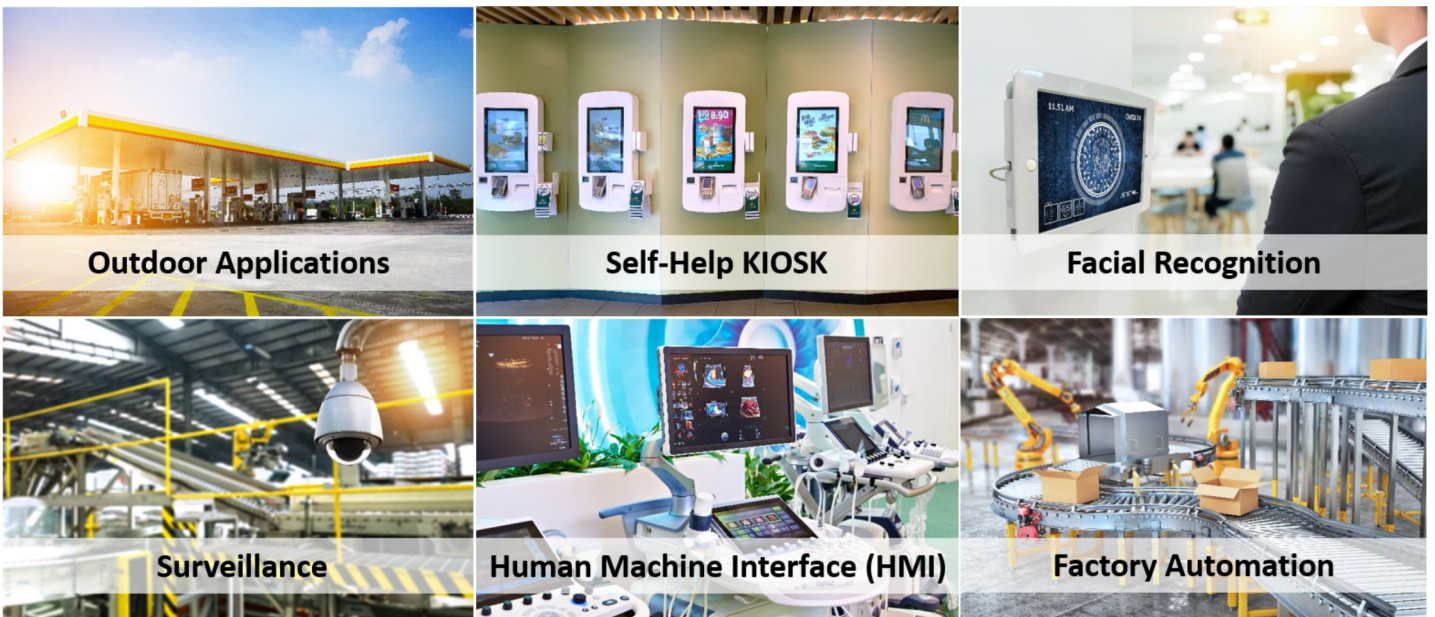- 2 x GbE LAN ports

Application

- Factory Automation
- Smart Retail
- Industrial PC
- KIOSK / POS
- Embedded & Industrial Applications
- Healthcare
- IoT System
- Medicare

SPECIFICATION

QBiX Pro Series of GIGAIPC embedded system is implemented with GIGAIPC QBi Pro (3.5" SubCompact Board). Its fan-less design reduces the risk of fan failure and maintainance efforts. The aluminium heatsink and ruggedized chassis enhanced the ability to work in harsh environment. The Compact size can easily be designed in any applications in limited space, such as factory automation, industrial controller / Surveillance systems and IoT Gateway. Furthermore, it can be a computing solution dedicated to thin client, POS, KIOSK for commercial market.

QBiX-Pro-KBLB7200H-A2 is powered by Intel® Core™ i5-7200U processor, to support DDR4 2133MHz up to 32G. It is designed with full range 9-36V DC power inputs for operating temperature of 0°C~50°C.   The system supports 2.5" HDD/SSD (SATA 6Gb/s) with vibration resistance of 5 Grms/5~500Hz and shock endurance to 50G/11ms, to meet industrial standard.
It's available with rich features of both HDMI & DP outputs, 4 x COM ports, 4 x USB 3.0 and 2 x USB 2.0 ports to work with different peripherals of devices and M.2 2280 M-Key / 2230 E-Key for expansion.

Outdoor Applications | Self-Help KIOSK | Facial Recognition
Surveillance | Human Machine Interface (HMI) | Factory Automation

DIMENSION	System Size : 178W x 125D x 52.7H (mm)
CPU	Intel® Core™ i5-7200U Processor 14nm, 2 cores, 4 threads up to 3.1GHz TDP 15W 3 MB SmartCache
CHIPSET	SOC
MEMORY	2 x DDR4 SO-DIMM sockets, Max. Capacity 32 GB Dual channel memory architecture Support DDR 2133MHz

ETHERNET	2 x GbE LAN ports (Intel® i219V and Intel® i211AT)
GRAPHIC SUPPORT	Integrated Graphics Processor - Intel® HD Graphics 620 support 1 x HDMI2.0 port, supporting a maximum resolution of 4096x2160@60 Hz 1 x DP port, supporting a maximum resolution of 4096x2160@60 Hz
AUDIO	Realtek ALC269 High Definition Audio
STORAGE	1 x 2.5" HDD/SSD (SATA 6Gb/s)
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	2 x RJ45 LAN port 4 x USB 3.0 1 x HDMI 1 x Display Port 1 x Power switch 1 x COM port (RS422/485/232, RI/5V/12V)
REAR I/O	2 x USB2.0 3 x COM Port (RS-232) 1 x DC Jack
SIDE I/O	2 x External Antenna Hole (Optional)
POWER	DC 9~36V Full Range (Adapter 19V/65W)
OPERATION TEMPERATURE	Operating temperature: 0°C to 40°C (0~50°C 90W adapter) 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
VIBRATION DURING OPERATION	Operation: IEC 60068-2-64, 5 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
PACKAGING CONTENT	Box Packing Capacity: 5pcs Carton size: 505x231x333(mm) Content: SCREW I HEAD FOR 25HDD M3x8L*4(25KSG-130081-K1R) THERMAL PAD *2(25ST3-200052-T5R) THERMAL PAD *1(25ST3-200053-T5R) THERMAL PAD *1(25ST3-200051-T5R) CABLE SATA *1 (25CF4-170020-S9R) POWER CORD 3Cx18AWG SVT US *1 (25CP0-007001-Q0R) PSU ADP 19V 65W 100-240VAC *1 (25EP2-10065L-F3S)
MOUNTING	Wall mount (Optional)

ORDER INFORMATION	6BQP7200AMR-SI