

QBiX-Pro-KBLB7100HD-A1

Industry's first 5G enabled embedded Industrial system with Intel® Core™ i3-7100U Processor/ Din Rail/ 2-side aluminum



Features

- System Size : 160W x 118D x 62.6H (mm)
- Intel® Core™ i3-7100U Processor
- Dual Channel DDR4, 2 x SO-DIMMs
- HDMI, Display port for Dual display
- 2 x GbE LAN ports
- 5G module support

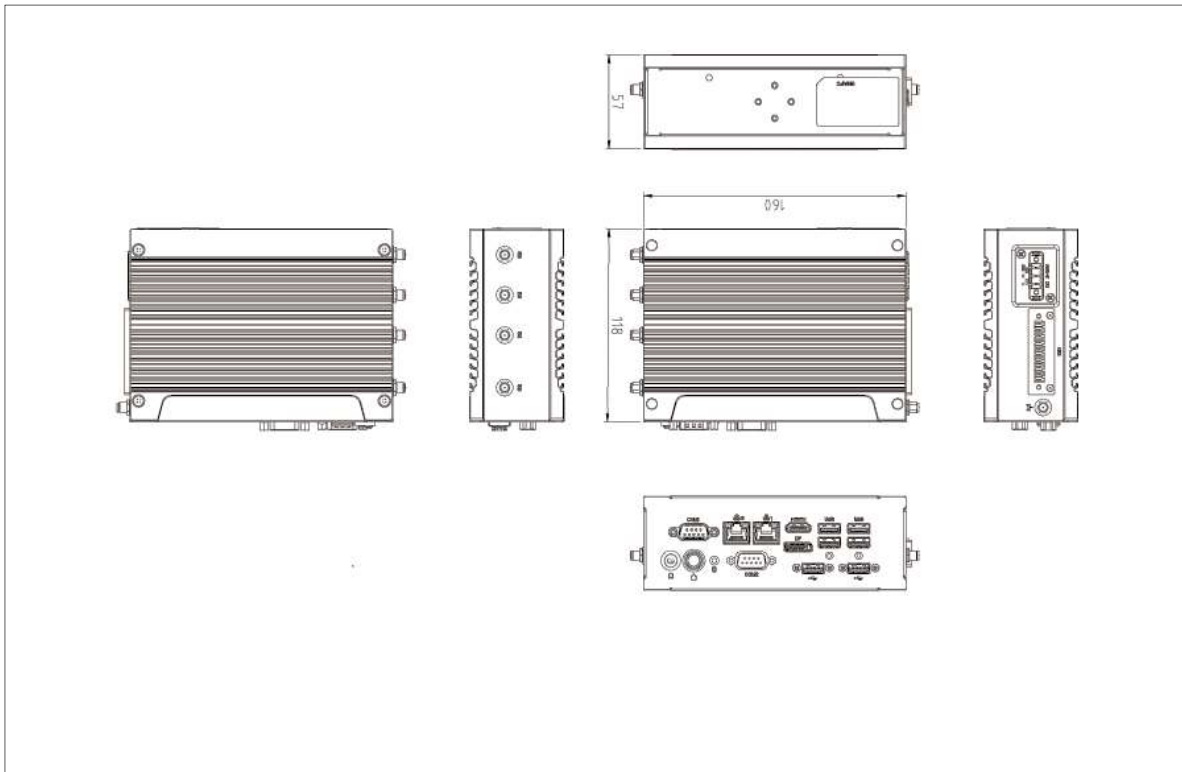
Specifications

Dimension	System Size : 160W x 118D x 62.6H (mm)
CPU	Intel® Core™ i3-7100U Processor 14nm, 2 cores, 4 threads, up to 2.4 GHz TDP 15W 3 MB Smart Cache
Chipset	SoC
Memory	2 x DDR4 SO-DIMM sockets, Max. Capacity 32 GB Support Dual Channel DDR4 2133 MHz memory modules
Ethernet	2 x GbE LAN ports (Intel® i219V and Intel® i211AT)
Graphic support	Integrated Graphics Processor - Intel® UHD Graphics 620: 1 x HDMI 2.0 port, supporting a maximum resolution of 4096x2160 @60Hz 1 x DP 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) 1 x 2280 M.2 M-Key (PCIe x4, SATA 6Gb/s) 1 x 2230 M.2 E-Key (WiFi/BT) 1 x 3052 M.2 B-Key (Full-size mPCIe optional)
Expansion Slots	* Wi-Fi, 5G Module and antennas are optional.
Front I/O	2 x RJ45 LAN ports 4 x USB 3.0 2 x USB 2.0 1 x HDMI 1 x Display Port 1 x COM port (RS-232/422/485 and RI/5V/12V) 1 x COM port (RS-232/422/485) 1 x Power switch 1 x HDD LED 1 x Headphone Jack
Rear I/O	1 x Din Rail Mounting Support
Side I/O	1 x GPIO (8 bits) 1 x 3-pin Terminal Block 5 x External Antenna Hole (Optional)
Power	+9~36VDC (Full Range)
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

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Dimension

Unit: mm



Packing Content

- Box Packing Capacity: 6pcs
- Carton size: 416 x 409 x 347(mm)
- Content:
 - SCREW HDD M3x3L x 4 (P/N: 25984G-1C014-S00)
 - TERMINAL BLOCKS MALE PLUG x 1 (P/N: 25I00-5ESDV0-D2R)
 - TERMINAL BLOCKS 1*10P x 1 (P/N: 25I00-EC3810-D2R)

Order Information

- System: 6BQP7100CMR-SI

OPTIONAL KIT

- TPM 2.0 module P/N: 9CTM000NR-00
- TPM Cable P/N: 25CRZ-100600-S9R

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