

# QBIX-KBLA7100H-A1

Industrial system with Intel® Core™ i3-7100U Processor/ HDMI 2.0 & mini DP output for 4K resolution/ USB 3.2 Gen 1/ COM Port/ M.2 2230/2280 slots



## Features

- System Size: 138W x 118D x 74.2H (mm)
- Intel® Core™ i3-7100U Processor
- 1 x RS232 COM Port
- Dual Channel DDR4, 2 x SO-DIMMs
- HDMI, Mini Display port for Dual display
- 1 x GbE LAN Port

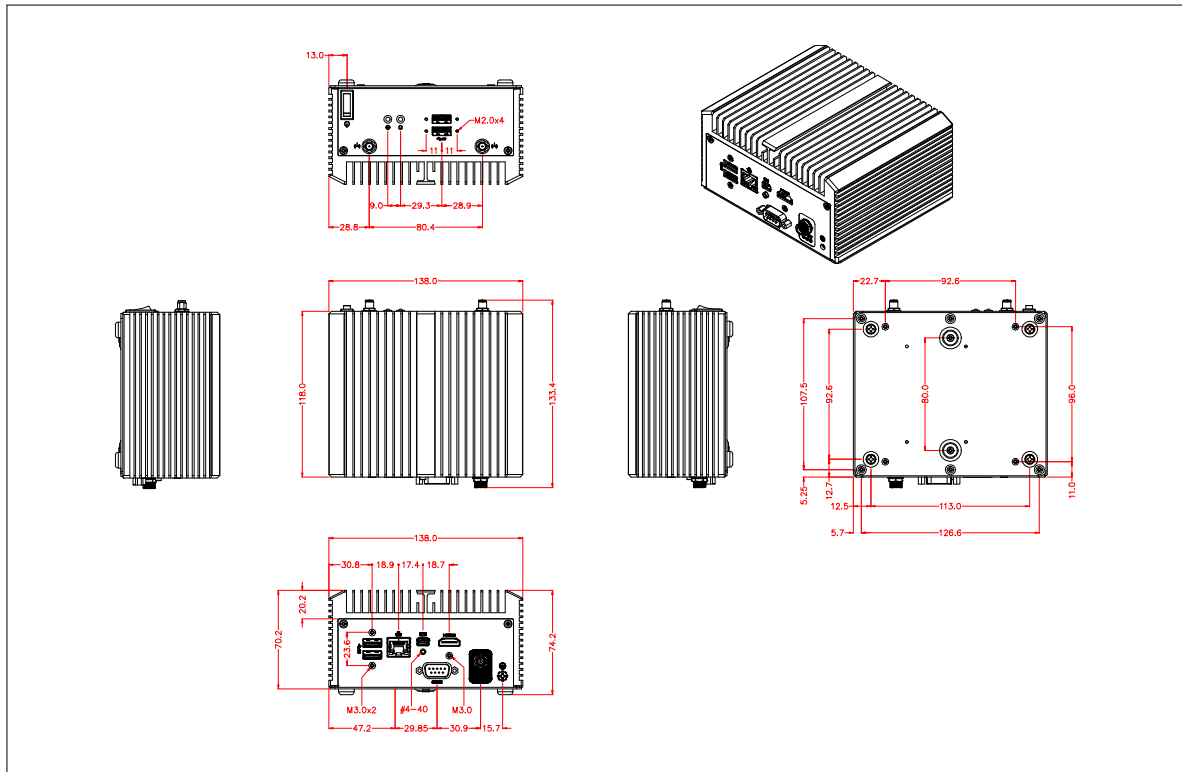
## Specifications

Dimension	System Size : 138W x 118D x 74.2H (mm)
CPU	Intel® Core™ i3-7100U Processor 14nm, 2 cores, 4 threads, up to 2.4 GHz TDP 15W 3 MB SmartCache
Chipset	SoC
Memory	2 x DDR4 SO-DIMM socket, Max. Capacity 32 GB Support Dual Channel DDR4 2133 MHz memory modules
Ethernet	1 x GbE LAN Port (Intel® i219V)
Graphic support	Integrated Graphics Processor - Intel® HD Graphics 620 : 1 x HDMI 2.0 port, supporting a maximum resolution of 4096x2160 @60Hz 1 x mini DP port, supporting a maximum resolution of 4096x2160 @60Hz  (2 independent display outputs)
Audio	Intel® integrated Audio
Storage	1 x 2.5" HDD/SSD (SATA 6Gb/s)
Expansion Slots	1 x 2280 M.2 M-Key (PCIe x4, SATA 6Gb/s) 1 x 2230 M.2 E-Key (WiFi/BT)
Front I/O	2 x USB 3.2 Gen 1 1 x Power switch 2 x External Antenna (optional) 1 x HDD LED 1 x Power LED
Rear I/O	1 x RJ45 LAN Port 2 x USB 3.2 Gen 1 1 x HDMI 1 x Mini Display Port 1 x COM Port (RS-232) 1 x Screw type DC Jack
Side I/O	—
Power	+12~24VDC Full Range (Adapter 19V/65W)
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, 5 Grms, random, 5 ~ 500 Hz, 1 hr / Per Axis, With SSD 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 296(mm)
- Content:
  - POWER CORD 3Cx18AWG SVT US x 1 (P/N: 25CP0-007001-Q0R)
  - PSU ADP 19V 65W 100-240VAC x 1 (P/N: 25EP2-10065L-F3S)
  - VESA\_RS\_BKT\_KP x 1 (P/N: 25HB1-TPL021-S8R)
  - VESA-SCREW-ASM x 1 (P/N: 25KSD-000001-S4R)
  - SCREW I HEAD FOR 25HDD M3x8L x 4 (P/N: 25KSG-130081-K1R)
  - THERMAL PAD HDD x 2 (P/N: 25ST3-200052-T5R)
  - THERMAL PAD DRAM2 x 1 (P/N: 25ST3-200051-T5R)
  - CABLE SATA+Power x 1 (P/N: 25CRA-010000-S9R)

## Order Information

- System: 6BCKAAMR-SI

## Optional Kit

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

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