

# QBiX-Pro-KBLB3965H-A1

Industrial System with Intel® Celeron® 3965U Processor/ DDR4 2133MHz up to 32G / M.2 slots / 2.5" HDD/SSD (SATA 6Gb/s)



## Features

- System Size: 178W x 125D x 52.7H (mm)
- Intel® Celeron® 3965U Processor
- Dual Channel DDR4, 2 x SO-DIMMs
- HDMI, Display port for Dual display
- 2 x GbE LAN Ports

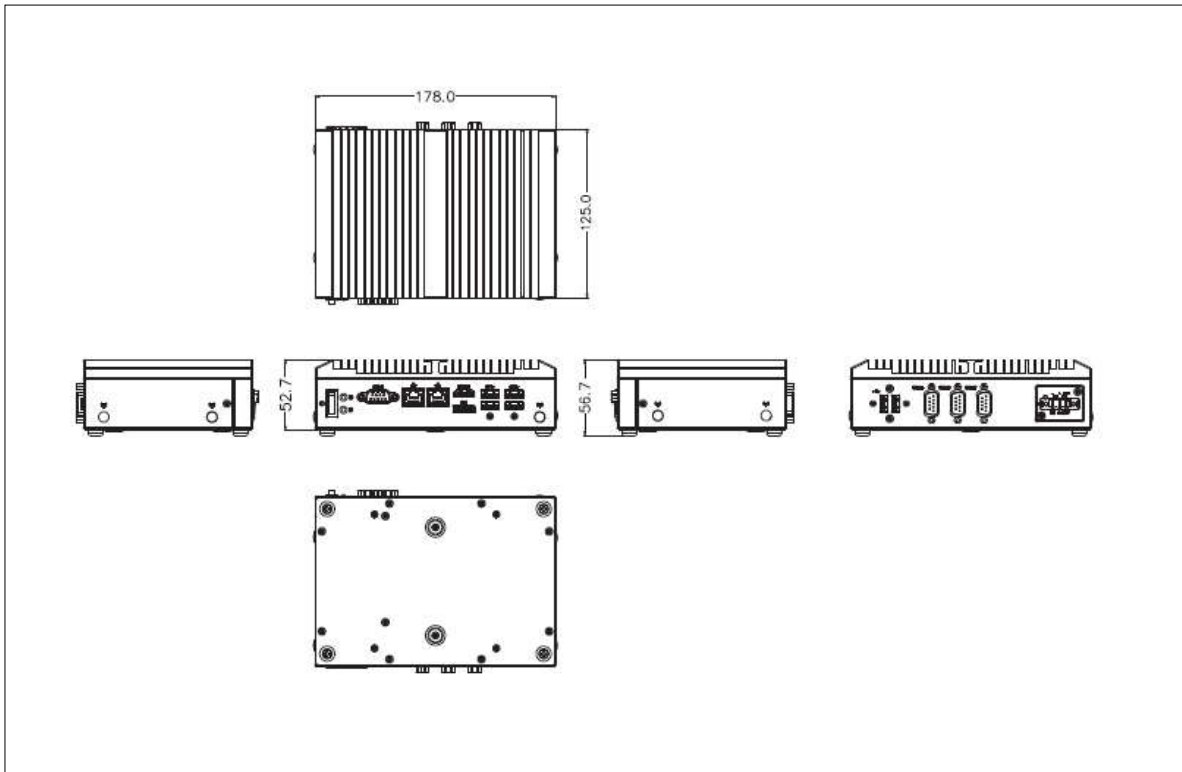
## Specifications

Dimension	System Size : 178W x 125D x 52.7H (mm)
CPU	Intel® Celeron® 3965U Processor 14nm, 2 cores, 2 threads, 2.2 GHz TDP 15W 2 MB Smart Cache
Chipset	SoC
Memory	2 x DDR4 SO-DIMM sockets, Max. Capacity 32 GB Support Dual Channel DDR4 2133MHz memory modules
Ethernet	2 x GbE LAN Ports (Intel® I219V and Intel® I211AT)
Graphic support	Integrated Graphics Processor - Intel® HD Graphics 610: 1 x HDMI 2.0 port, supporting a maximum resolution of 4096x2160 @24Hz 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)
Expansion Slots	1 x 2280 M.2 M-Key (SATA 6Gb/s) 1 x 2230 M.2 E-Key (WiFi/BT) 1 x Full-size Mini PCIe with SIM slot (PCIe x1 + USB2.0) -- support 3G/4G module
Front I/O	2 x RJ45 LAN Ports 4 x USB 3.2 Gen 1 1 x HDMI 1 x Display Port 1 x Power switch 1 x Power & HDD LED 1 x COM Port (RS-232/422/485 & RI/5V/12V)
Rear I/O	2 x USB 2.0 3 x COM Ports (RS-232) 1 x 3-pin Terminal Block
Side I/O	2 x External Antenna Holes (Optional)
Power	+9V~36VDC (Full Range)
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) 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

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## Dimension

Unit: mm



## Packing Content

- Carton size: 505 x 333 x 231 (mm)
- Packing Capacity: 5pcs
- Including:
  - Screw I Head for 2.5" HDD M3x8L x 4 (P/N: 25KSG-130081-K1R)
  - Thermal Pad for 2.5" HDD x 2 (P/N: 25ST3-200052-T5R)
  - Thermal Pad for WiFi module x 1 (P/N: 25ST3-200053-T5R)
  - Thermal Pad for DIMM2 x 1 (P/N: 25ST3-200051-T5R)
  - SATA Cable x 1 (P/N: 25CF4-070020-S9R)
  - Terminal Blocks Male Plug x 1 (P/N: 25I00-5ESDV0-D2R)

## Order Information

- System : 6BQP3965AMR-SI (Box packing)

## Optional Kit

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

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