

## QBIX-WP-APLA3940H-A1

IP67 - Industrial water proof system with Intel® Atom® x5-E3940 Processor



### Features

- System Size : 188W x 155D x 72H (mm)
- Intel® Atom® x5-E3940 Processor
- Dual Channel DDR3L, 2 x SO-DIMMs
- IP67 water proof certification
- M12 and IP67 water proof connectors

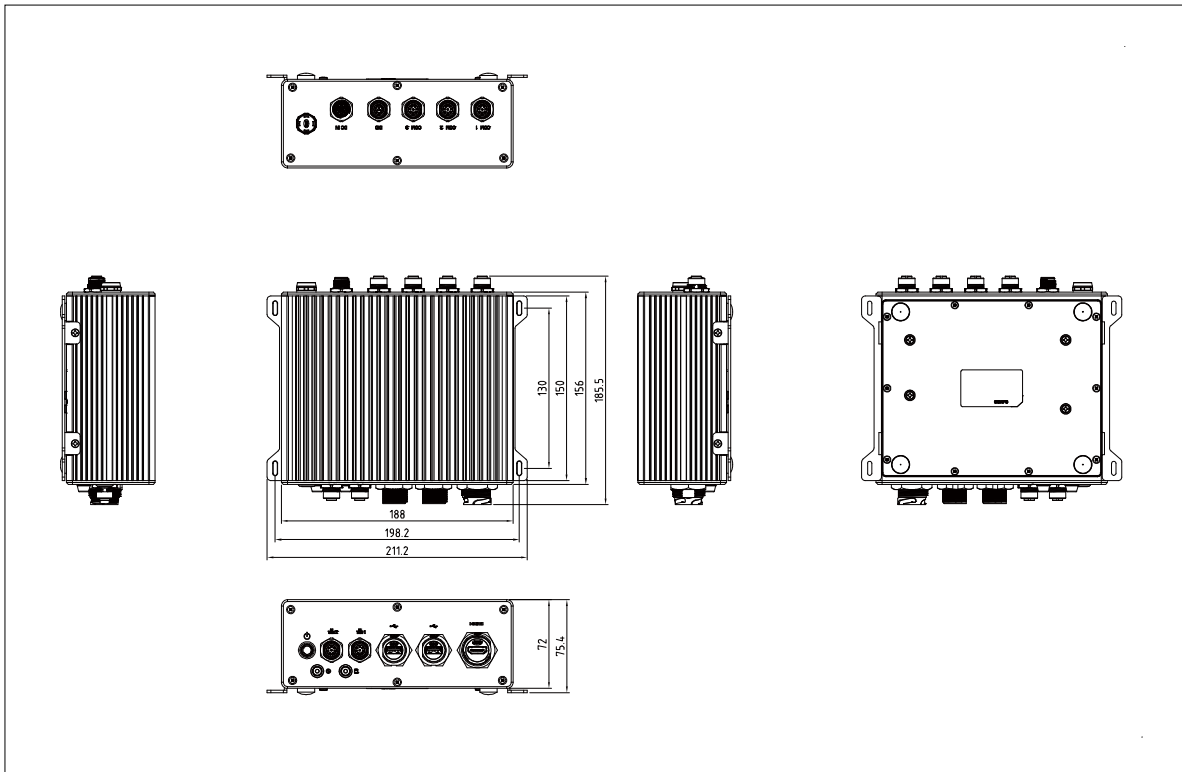
### Specifications

Dimension	System Size : 188W x 155D x 72H (mm)
CPU	Intel® Atom® x5-E3940 Processor 14nm, 4 cores, 4 threads, up to 1.80 GHz TDP 9.5W
Chipset	SoC
Memory	2 x DDR3L SO-DIMM sockets, Max. Capacity 8 GB Support Dual channel DDR3L 1866 MHz memory modules (Integrated 8G memory)
Ethernet	2 x GbE LAN ports (Intel® i211AT)
Graphic support	Integrated Graphics Processor - Intel® HD Graphics 500: 1 x HDMI port, supporting a maximum resolution of 3840x2160 @ 30Hz
Audio	Realtek® Audio codec
Storage	1 x 2.5" HDD/SSD (SATA 6Gb/s)
Expansion Slots	1 x 2242 M.2 M-Key (SATA 6Gb/s) 1 x Full-size Mini PCIe with SIM slot (PCIe x1 + USB2.0) -- support 3G/4G module (Integrated M.2 SSD 256GB)
Front I/O	2 x (M12) LAN ports 2 x (IP67) USB 2.0 connector 1 x (IP67) HDMI connector 1 x (IP67) Power switch 1 x (M8) Power & HDD LED
Rear I/O	1 x (M12) COM port (RS-232/422/485 and RI/5V/12V) 2 x (M12) COM port (RS-232) 1 x (M12) GPIO (8 bits) 1 x (M12) DC Jack
Side I/O	—
Power	+9~36VDC (Full Range)
Operation Temperature	Operating temperature: -20°C to 80°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, 3 Grms, random, 5 ~ 500 Hz, 1 hr / Per Axis, With SSD/M.2 2242 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: 1pcs
- Carton size: 305x285x265(mm)
- Content:
  - CABLE COM, waterproof, x 3 (P/N: 25CF8-1K8400-00S)
  - CABLE USB 2.0, waterproof, x 2 (P/N: 25CFA-1K8000-00R)
  - CABLE RJ45, waterproof, x 2 (P/N: 25CR0-1K8401-00S)
  - CABLE SIGNAL, waterproof, x 1 (P/N: 25CR5-1K8500-00R)
  - CABLE HDMI, waterproof, x 1 (P/N: 25CRC-180720-00S)
  - CABLE DC JACK, waterproof, x 1 (P/N: 25CRD-1K8300-00S)
  - Wall mount bracket (P/N: 25HBA-826520-H5R)

## Order Information

- System: 9BQW3940AMR-SI (Box packing)  
(Built in : DDR3L 8GB & 256GB SSD)

## Optional Kit

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

2022/10/18

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