

Ultra-small form factor Industrial PC with Intel® Apollo Lake family processor

Kuber-212B

- Intel® Celeron® processors ("Apollo Lake")
- On Board LPDDR4 DRAM up to 4GB
- Support 4 LAN and M.2 with wireless module
- Extend I/O interfaces of CANbus and GPIO
- On Board eMMC 5.0 up to 256GB
- Heavy Industry EMC
- Support Extended Temperature (Optional)



Specifications

General

CPU

Intel® Celeron N3350, 2 cores, 1.1GHz/2.4 GHz, 6W TDP

Memory

On Board LPDDR4 up to 4GB, 2400MT/s
 Dual memory channel, 64bit, non-ECC

Mass Storage

eMMC 5.0 onboard flash 32GB up to 256 GB

Power Input

Standard: 12-30 VDC

Operation System

Windows® 10 IoT Enterprise LTSB 2016 (64-bit)

Expansion

- 1x M.2 Key E 2230 for Wireless card
- 1x Mini-PCIe supports full size mini card (mSATA)
- 1x Extra M.2 Key E 2230 for optional use

Basic I/O Interface

Power Connector

1x 2-Pin Terminal Block

Giga LAN

2x 10/100/1000 GbE (Intel® i210)

USB

2x USB 3.0

Display

1x DP v1.4 4096 x 2160 @ 60Hz

Extended I/O Interface

- 2x 10/100/1000 GbE (Intel® i210)
- 1x CANbus
- 1x GPIO (4 I/O)

EMC Standard

CE, FCC, (EN 55022, EN 55032)



Environmental and Mechanical

Storage Temperature

-40 °C ~ 85 °C

Operating Temperature

0°C ~ 50°C

Permissible Humidity

- 5-95% RH operating, non-condensing
- 5-95% RH storage, non-condensing

Vibration

1G, with DIN EN 60068-2-6

Shock

15g with 11 ms impulse length, 18 shocks in total (EN 60068-2-27)

Degree of Protection

IP 30

Dimension

99mm (L) x 63mm (W) x 92 mm (D)

Net Weight

0.65 Kg

Mounting

DIN-Rail / Wall Mount

Cooling

Fan-less

Optional Accessories

Power Adaptor

2-pin Connector, 60W, 24V/2.5A

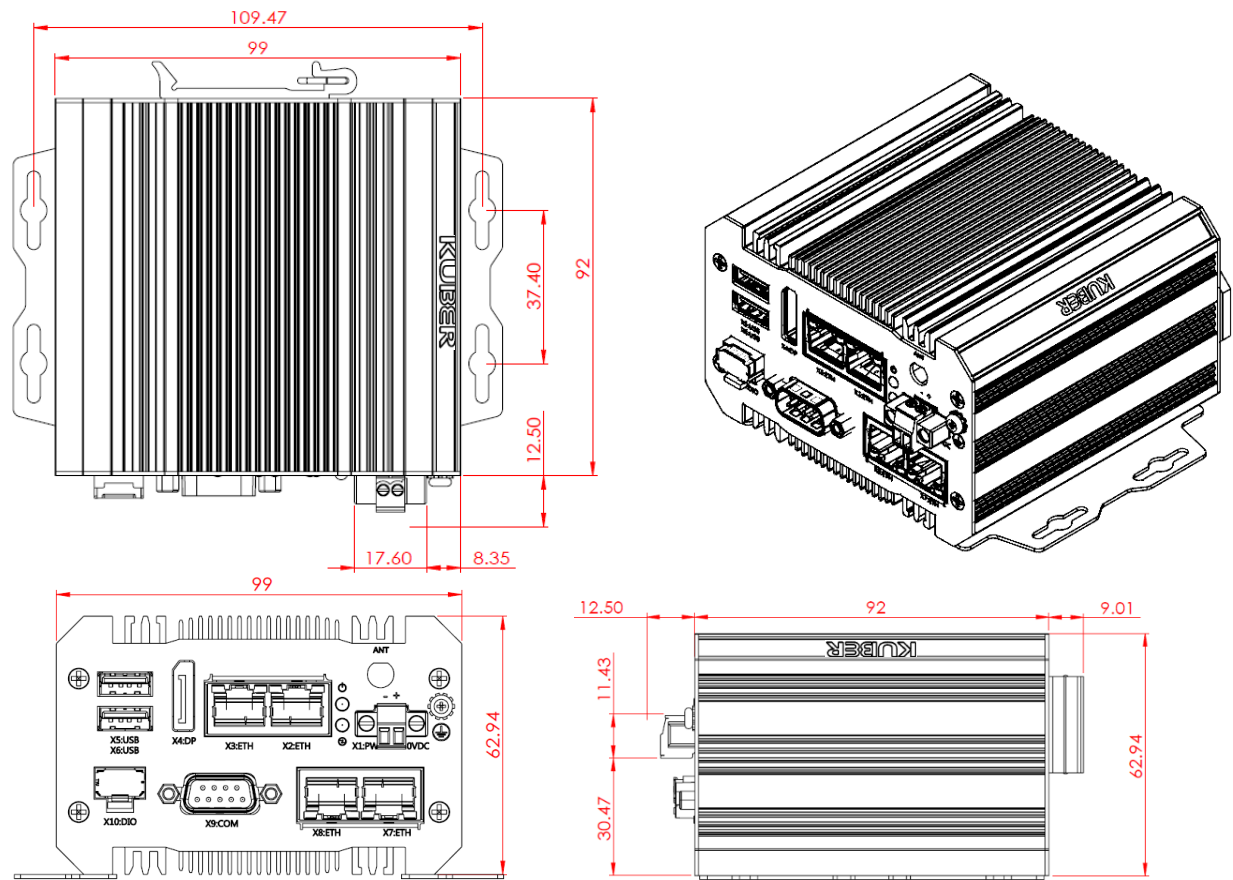
Mounting Kit

DIN-Rail / Wall Mount

Video Adaptor

DP to VGA/ DP to DVI

Dimension



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