

Ultra-Small Form Factor Industrial PC with Intel® Apollo Lake family processor

KUBER-212E

- Intel® Celeron® processors ("Apollo Lake")
- On Board LPDDR4 DRAM up to 4GB
- Support 2 LAN and M.2/Mini-PCIe with wireless module
- Extend I/O interface of RS-232/422/485
- 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, 2400 MT/s
Dual memory channel, 64bit, non-ECC

Mass Storage

eMMC 5.0 onboard flash 32GB up to 256GB

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 M.2 Key B 2242 for storage
1x Mini-PCIe supports full size mini card

Basic I/O Interface

Power Connector

1x 2-Pin Terminal Block

Giga LAN

2x GbE (Intel® i210)

USB

2x USB 3.0

Display

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

Extended I/O Interface

1x RS-232

1x RS-232/422/485 (BIOS Configurable)

EMC Standard

CE (EN 61000-6-4: 2007 + A1: 2011, Class A, EN 61000-6-2:2005)
FCC (CFR Title 47 Part15 Subpart B: 2018 Class A)



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-Rail Mounting (EN 60068-2-6)

Shock

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

Degree of Protection

IP30

Dimension

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

Net weight

0.65Kg

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

