

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

# KUBER-2110

- Intel® Celeron® processors ("Apollo Lake"), up to 4 cores (optional)
- 4GB onboard LPDDR4 memory
- Supports 2 GbE, 2 USB 3.0 and 1 DP
- M.2 Key E for Wireless communication
- 32GB onboard eMMC 5.0 storage
- Heavy Industrial EMC
- Extended temperature options for extreme environments



## Specifications

### General

#### CPU

Intel® Celeron® N3350, 2 cores, 1.1GHz/2.4 GHz, 6W TDP  
 Intel Atom® x5-E3940, 4 cores, 1.6 GHz/1.8 GHz, 9.5W 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 256 GB

#### Power Input

Standard: 12-30 VDC (+/- 20%)

#### Operation System

Windows® 10 IoT Enterprise LTSB 2016 (64bit)  
 Yocto v2.5.1 / octo umo / octo  
 Ubuntu 18.04 LTS / Debian 10.1

#### Expansion

1x M.2 Key E 2230 for wireless 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

### EMC Standard

CE, FCC (EN55024, EN55032)

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

#### Storage Temperature

-40 °C ~ 85 °C

#### Operating Temperature

 C ~ 50°C @ 5~85% RH with no airflow  


#### Relative Humidity

5 %~ 95 % (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)

### Mechanical

#### Degree of Protection

IP30

#### Dimension

99mm (L) x 46mm (W) x 92 mm (D)

#### Net Weight

0.55 KG

### 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

