

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

# KUBER-212E-IT

- Intel® Celeron N3350, 2 cores, 1.1GHz/2.4 GHz, 6W TDP)
- 4GB onboard LPDDR4 memory
- Supports 2 GbE, 2 USB 3.0, 1 DP, 1 RS-232 and 1 RS-232/422/485
- M.2 Key E and mini-PCIe for Wireless communication
- 32GB onboard eMMC 5.0 storage



## Specifications

### General

#### CPU

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

#### Memory

On Board LPDDR4 up to 4GB, 2133MT/s  
Dual memory channel, 64bit, non-ECC

#### Mass Storage

eMMC 5.0 onboard flash 32GB up to 256GB

#### Power Input

Standard: 24VDC (+/- 30%)

#### Operation System

Windows® 10 IoT Enterprise LTSB 2016 (64-bit)  
Linux Yocto Warrior v2.7.1 (kernel 4.14)

#### 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 10/100/1000 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, FCC Compliance

### Environmental and Mechanical

#### Storage Temperature

-40 °C ~ 85 °C

#### Operating Temperature

0°C ~ 40°C with airflow

#### Relative Humidity

5 %~ 95 % (non-condensing)

#### Vibration

1G, with DIN-Rail (EN 60068-2-6)

810G, with Wall mount (MIL-STD-810G 514.7C-V Category-4)

#### Shock

Wall mount -40G(MIL-STD-810G Table 516.6B-I) 40g with 11 ms

Din Rail -15G (IEC 60068-2-27)

#### Degree of Protection

IP 30

#### 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

