

**Compact size Rugged System with Intel® Elkhart Lake family processor**

# RSQ10

- Intel® Atom® processors ("Elkhart Lake"), up to 4 cores (optional)
- 8GB onboard LPDDR4 memory
- 2x 2.5 GbE, 2x USB 3.2 Gen2x1, and 1x DP
- Intel Industry real-time networking supported (optional)
- Expansion board supporting for customized requirements
- Compact system size in 10cm x 10cm x 4cm
- 64GB onboard eMMC 5.0 storage



## Specifications

### General

#### CPU

Intel® Atom® x6413E, 4 cores, 3.0GHz/1.5 GHz, 9W TDP

#### Memory

On Board LPDDR4 up to 16GB, 3200 MT/s  
 One memory channel, 64bit with In-Band ECC

#### Mass Storage

eMMC 5.0 onboard flash 64GB up to 256 GB

#### Power Input

Standard: 9-36 VDC

#### Operation System

Windows® 10 IoT Enterprise  
 Linux Yocto

### Basic I/O Interface

#### Power Connector

1x 3-Pin Terminal Block

#### Giga LAN

2x 2.5 GbE (Intel® i226)

#### USB

2x USB 3.2 gen2x1

#### Display

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

#### Expansion

1x M.2 M Key 2242 SATA SSD

#### LED

4 system LEDs

### EMC Standard

EN 61000-6-2, EN 61000-6-4

### Environmental

#### Storage Temperature

-40°C ~ 85°C

#### Operating Temperature

-20°C ~ 60°C with airflow

#### Relative Humidity

5%~95% (non-condensing)

#### Vibration

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

#### Shock

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

### Mechanical

#### Degree of Protection

IP 30

#### Dimension

100mm (L) x 100mm (W) x 40 mm (H)

#### Net Weight

0.46 KG

### Optional Accessories

#### Power Adaptor

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

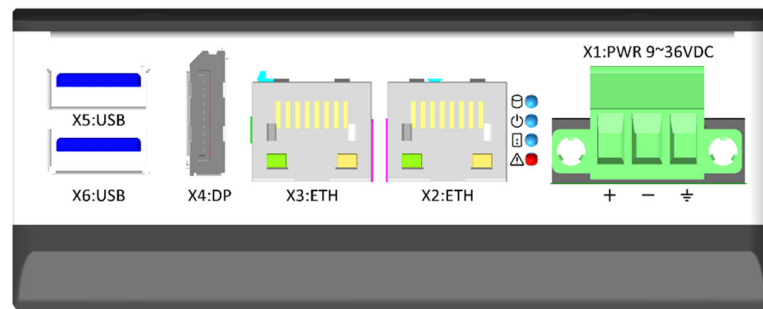
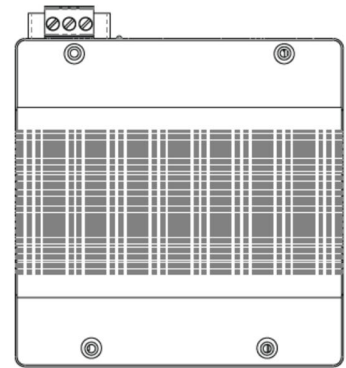
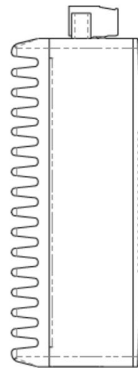
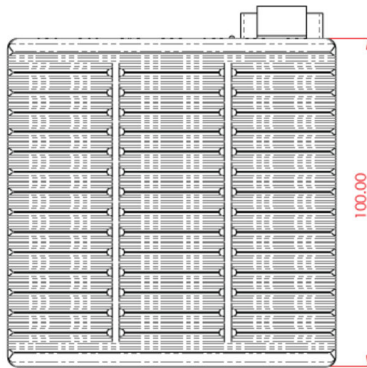
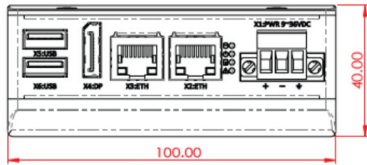
#### Mounting Kit

DIN-Rail mount  
 Wall-mount (project-based)

#### Video Adaptor

DP to VGA/ DP to DVI

## Dimension



(株)連基 〒123-0852 東京都足立区関原2丁目42-8  
お問い合わせ: [info@cnct.world](mailto:info@cnct.world) Phone: 03-5842-1785