

## Conception<sup>®</sup>-jX-C246

Multi-purpose, fanless embedded PC with high power density and flexible I/O board

### Features

- ↗ High power density with 9<sup>th</sup> Generation Intel<sup>®</sup> Core™ i CPUs
- ↗ Passive cooling and 24/7 operation
- ↗ Flexible I/O board
- ↗ Customizability
- ↗ On request as In-Vehicle system available

### Configuration example

Further configurations on request!

#### Mainboard:

Industrial Mainboard, 24/7 operation, long-term availability

#### Processor:

Intel<sup>®</sup> Core™ i 9<sup>th</sup> Generation Chipset: Intel<sup>®</sup> C246

#### Graphic:

Onboard Intel<sup>®</sup> UHD 630

#### Memory:

2x DDR4 S0-DIMM, max. 32GB

#### I/O:

2x GBit LAN (RJ45)  
2x RS232/422/485  
6x USB 3.2  
2x USB 2.0  
1x DisplayPort 1.2  
1x DVI-D  
1x HDMI 1.4  
3x Audio (Line-In, Line-Out, Mic)  
**Internal**  
1x GPIO Header (8 Bit)

#### Drive Bays:

1x 2.5" SATAIII SSDs (internal)

#### Operating System:

Microsoft Windows 10

#### Power Supply:

14 ~ 32 VDC, 80 Watt  
Phoenix socket

#### Optional

ext. power supply 100 ~ 264 VAC  
ext. DIN rail power supply 100 ~ 240 VAC, 120 Watt

#### Expansions:

1x M.2 (E-key, type:2230)

#### Mechanical:

##### Dimensions (W x H x D)

200 x 100 x 206 mm

##### Cooling

Passive, available in 2 convection directions (90°)

##### Chassis

1 mm sheet steel, powder coated  
heat sink extruded aluminum profile

#### Environment:

##### Operating Temperature

-10° ~ 50° C

##### Storage Temperature

-20° ~ 70° C

##### Relative Humidity (operation)

10 ~ 90 % (non condensing)

##### IP Protection

IP50

#### Features:

TPM 2.0

iAMT 11.6

Watchdog



### InoNet Competences and Services



Consulting



Development



Testing



Customization



Manufacturing



Certifications

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