



## FALCON passive 21x

Mini-ITX Compact-IPC with passive cooling concept and LP Expansion Slots



Product announcement

### FEATURES

#### Processors

- 7<sup>th</sup> Generation Intel® Core™ i7-7700T Processor w/ Configurable TDP-down and TDP-down Frequency or i5-7500T w/ TDP-down Frequency

#### System

- Passive cooling concept (fanless) with integrated heat sink on top cover with tbd mm heat fins
- Provides industry leading conduction cooling performance, 70 % improvement over current conduction cooling methods
- Designed for 24/7 use in industrial applications
- Embedded Roadmap lifecycle

#### Power supply

- Input 12 V<sub>DC</sub> DIN Connector

#### Storage Mediums / Memory

- Up to 2 x SSD internal (RAID 1) and 1 x M.2 Socket (2242/2260) for PCIe (2 lanes)
- DDR4 SO-DIMM memory max. Capacity 32GB (up to 16GB per SO-DIMM)

#### Interfaces

- 2 x RJ45 for 10/100/1000 MBit/s Ethernet
- 4 x USB 3.0 (rear) and 4 x USB 2.0 (rear)
- 1 x Serial Port COM1 (RS232)
- 3 x Display DVI-D/DP/DP
- 1 x Shared mSATA/Mini-PCIe (HS/FS incl. USB 2.0)
- 1 x PCIe x16 w/ low profile bracket
- 1 x Low profile bracket for I/O extension

- 1 x Connector for power supply
- High Definition Audio

#### Options

- Clip for horizontal rail mounting
- Wall or Desktop mounting bracket
- Plastic tip-up feet or Rubber feet kit
- Power Adapter with DIN lockable DC plug

#### Housing

- Aluminium housing for industrial usage w/ Integrated EMC and IP30 protection
- Color RAL 7021 (other Color on request)
- Dimensions (w x h x d): 240 x tbd x 190 mm

#### Operating Systems

- Windows® 10 IoT Enterprise 2016 LTSC
- Linux

#### Certifications

- CE (other Certifications on request)

#### Physical and environmental conditions

- Ambient operating temperature range 0°C ... tbd°C (w/ air flow)
- Non-operating temperature range -20°C ... 60°C

Mainboard type D3433-S2

#### Customized Solutions

Feel free to contact Janz Tec's sales team for special requirements and features!