



FALCON passive 23x

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



FEATURES

Processors

- 7th 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 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_{DC} or 15 ... 36 V_{DC} Jack Connector

Storage Mediums / Memory

- Up to 2 x SSD internal (RAID 1)
- 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)
- 2 x Display DVI-I (DVI-D signal) + HDMI
- 1 x DC Jack lockable Connector for power supply
- 1 x Full-size Mini PCIe (USB/PCIe/SATA)
- 1 x Half-size Mini PCIe (USB/PCIe/SATA)
- 1 x PCIe x4 w/ low profile bracket

- 1 x Low profile bracket for I/O extension

Options

- Clip for horizontal rail mounting
- Wall or Desktop mounting bracket
- Plastic tip-up feet or Rubber feet kit
- 120W 19 V_{DC} Power Adapter with lockable DC Plug

Housing

- Aluminium housing for industrial usage w/ Integrated EMC 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 DFI SD101 or SD103-Q170NRM

Customized Solutions

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

Product announcement