



FALCON passive 3xx

Compact 2U Fanless System
for wide operating temperature



Product announcement

FEATURES

Processors

- Intel® Core™ i7-6822EQ or Core™ i3-6100E CPU

System

- Passive cooling concept (fanless) for wide operating temperature and 2U rackmount
- Designed for 24/7 use in industrial applications
- Embedded Roadmap lifecycle

Power supply

- Input 100 ~ 240V AC Power

Storage Mediums / Memory

- Up to 2 x SSD internal (RAID 1)
- 1 x M.2 (2260 M-Key, with SATA interface)
- 8GB DDR4 onboard w/o ECC, DDR4 SO-DIMM memory max. Capacity 24GB (up to 16GB per SO-DIMM)

Interfaces

- 2 x RJ45 for 10/100/1000 MBit/s Ethernet
- 6 x USB 2.0 (2 x front + 4 x rear)
- 2 x USB 3.0 (rear)
- 2 x Serial Port (RS-232/422/485) w/ 2.5KV Isolation protection
- 2 x display DVI-D/DVI-I
- 1 x PS/2
- High Definition Audio

- 1 x Full size mSATA
- 2 x PCIe x4 + 2 x PCI
- 1 x Mini-PCIe

Options

- 2U rackmount kit

Housing

- Housing for industrial usage w/ PCI/PCIe slots
- Dimensions (w x h x d): 427 x 88 x 325 mm

Operating Systems

- Windows® 7 FES
- Windows® 8.1 FES
- Windows® 10 IoT Enterprise 2016 LTSC
- Linux

Certifications

- CE/FCC Class A, CCC, BSMI, CB/UL (other Certifications on request)

Physical and environmental conditions

- Ambient operating temperature range -20°C ... 60°C
- Non-operating temperature range -40°C ... 85°C

Customized Solutions

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