



FALCON active 1xx

Mini-ITX Compact-IPC with optimized and streamlined airflow concept



FEATURES

Processors

- 7th** or 6th Generation of Intel® Core™ CPU Technology supported

System

- active PWM cooling concept (optimized and streamlined airflow)
- Designed for 24/7 use in industrial applications
- Embedded Roadmap lifecycle > 2022

Power supply

- Input 12 ... 24 V_{DC} Phoenix Connector ¹ or 12 V_{DC} DIN Connector ²

Storage Mediums / Memory

- Up to 2 x SSD internal or with Hot-Swap Storage Expansion Kit (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
- 6 x USB 3.0 (2 x front + 4 x rear)
- 4 x USB 2.0 ²
- 1 x Serial Port COM1 (RS232)
- 3 x display VGA/DP/HDMI ¹ or DVI-D/DP/DP ²
- High Definition Audio
- 1 x connector for power supply

¹ Mainboard type AIMB-275G2

² Mainboard type D3433-S2

**KBL-S only support Windows® 10

Options

- Air Filter Polyurethane PPI30 (front accessible)
- Hot-Swap Storage Expansion Kit
- Rackmounting Kit
- Wallmounting Kit
- Desktop/Tower Rubber Feet Kit
- Power Adapter with Phoenix or DIN lockable DC plug

Housing

- Solid stainless steel housing for industrial usage
- 1 x System Fan PWM (Ø 80 mm) 36.37 CFM
- Dimensions (w x h x d): 328 x 88,8 x 201 mm

Operating Systems

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

Certifications

- CE (other Certifications on request)

Physical and environmental conditions

- Ambient operating temperature range 0°C ... 50°C
- Non-operating temperature range -20°C ... 60°C

Customized Solutions

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