



FALCON active 21x

Compact Mini-ITX IPC with
One Expansion Slot



FEATURES

Processors

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

System

- active cooling concept with 2 System Fan
- Designed for 24/7 use in industrial applications
- Embedded Roadmap lifecycle > 2022

Power supply

- Two SKUs to support ATX Power Supply & AC-DC Power Adapter

Storage Mediums / Memory

- Up to 2 x SSD internal (RAID 1) or 1 x SSD + 1 x slim ODD
- 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)
- 1 x Serial Port COM1 (RS232)
- 3 x display VGA/DP/HDMI
- High Definition Audio
- 1 x PCIe x16 w/ low profile bracket
- 1 x connector for power supply

Mainboard type AIMB-275G2

**KBL-S only support Windows® 10

Options

- Slim ODD
- Power Adapter with Phoenix plug

Housing

- Economical IPC chassis for Mini-ITX motherboard
- Front LED indicators for system fault detection
- Reserved USB, COM and WLAN antenna openings on front side
- 2 x System Fan (Ø 70 mm) 39.45 CFM
- Dimensions (w x h x d): 250 x 98 x 255 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!