# janztec
**Industrial Computing Architects**

# FALCON active 12x

## 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

## 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)
- 1 x Serial Port COM1 (RS232)
- 3 x display VGA/DP/HDMI
- High Definition Audio
- 1 x connector for power supply

Mainboard type AIMB-275G2
**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 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 LTSB
- 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!

Industrial Computing Architects