



FALCON active 31x

Compact IPC for PICMG 1.3
Half Size SHB/SBC



FEATURES

Processors

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

System

- 3 Slots PICMG 1.3 BP w/ 1 x PCIe x16 + 1 x PCIe x4
- Designed for 24/7 use in industrial applications
- Embedded Roadmap lifecycle > 2022

Power supply

- Equipped 80 plus FLEX 250W power supply

Storage Mediums / Memory

- Up to 2 x HDD/SSD internal
- DDR4 SO-DIMM memory max. Capacity 32GB (up to 16GB per SO-DIMM)

Interfaces

- 2 x RJ45 for 10/100/1000 MBit/s Ethernet
- 1 x USB 3.0 (front)
- 2 x USB 2.0 (front)
- 1 x display VGA
- 1 x PS/2 (Mouse/Keyboard)

CPU board type PCE-3029G2

Options

- 2 x Serial Port (RS232)

- 4 x RS-422/485 module
- 4 x RS-232 module
- DVI-D cable
- Audio module with Realtek ACL892

Housing

- Compact IPC chassis w/ two front expansion slots
- Bidirectional to mount chassis on wall or workbench
- Shockproof drive bay for two 2.5" HDD/SSD
- 2 x System Fan (Ø 60 mm) 27 CFM
- Dimensions (w x h x d): 232 x 90 x 232 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