

IPC191V3

Datasheet



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DIN EN ISO 9001:2000

Technical Data

Chassis

- 19" rack mount chassis (1U)
- Dual PCI riser card
- The Industrial PC doesn't have any CPU- and Power supply fan. The hardware is equipped with two passive chassis fans which are switched on only if a certain CPU temperature and system temperature respectively has been exceeded (configurable).

Power Supply

- Fanless
- 90 – 264 V AC, 127 – 373 V DC autorange, optional 10-36 V DC,
- Power consumption: max. 60 W (depending on the used type)
- CE/TÜV certified

Mainboard

- 1,0 Ghz fanless CPU (Up to 3x faster than IPC191V2 CPU)
- 2 GB DDRII RAM max.
- IDE interface
- SATA iInterface
- 2 x serial ports
- Real-time clock/calendar
- 1 x RJ45 10/100/1000BaseT, 3 x RJ45 10/100BaseT LAN interface onboard, more on request (over PCI)
- 4 x USB 2.0 (two at front side, two at backside), more on request
- RAID SATA Functionality (RAID Level 0 or RAID Level 1)

Serial Cards

- Up to sixteen serial RS232 ports
- DB9 male connectors, optional DB25 (Male, Female)
- 50 bps to 921.6Kbps transmission speed
- 16KV ESD Protection

Mass Storage CF

- Rugged CompactFlash, Industrial – Grade
- Removable flash card
- No Moving Parts
- Max. 16 GB supported
- Vibration: 15 G peak to peak max.
- Shock: 1000 G max.
- MTBF \geq 4.000.000 hours
- Very short access time

Mass Storage SATA HDD
Raid Level 1 or 0
possible
(optional)

- Two Server HDDs, for continuous operation
- Max. 2 TB
- MTBF \geq 1.200.000 hours

Mass Storage SATA SSD
Raid Level 1 or 0
possible
(optional)

- No Moving Parts
- Max. 128 GB supported
- Very short access time
- Very high write/read performance

Video

- Standard VGA interface

Operating Environment

- Operating temperature: 0° C to 50° C
- Storage temperature: 0° C to 60° C
- Relative humidity (non condensing): 5 % to 90 %

Supported Operating Systems

- Windows XP Professional
- Linux

Optical Drive (optional)

- CD/DVD writer with Slot-in technology

General

- All components are CE certified
- Height: 1 U
- Dimension (W x H x D): 19" x 1.75" x 15"
(482.6 mm x 44.45 mm x 381 mm)
- Weight: 5,80 kg

Assembled by IPCOMM GmbH/Germany