### General specifications

- **Operating temperature:** 0 - 50°C
- **Storage temperature:** -20...75°C
- **Relative humidity:** 10...95%, non-condensing
- **Material (housing):** Anodized aluminium
- **Dimensions:** 113 x 57 x 39 mm
- **Weight:** 280 g
- **Vibration:** IEC-2-6: 3G, 11 - 200 Hz, any axis
- **Shock:** IEC-2-27: 50G, 11 ms, any axis
- **Operating system:** Windows XP Professional

### Electrical specifications

- **Power supply:** 8...48 VDC or Power over Ethernet (PoE/ 1000BASE-T)
- **Power consumption:** 9.5 W (+ additional 2.5 W for PI camera)
- **Cooling:** Passive (active with integrated fan for ambient temperatures above 50°C)
- **Board:** COM Express® mini embedded board
- **Processor:** Intel® Atom™ Z530/ 1.6 GHz
- **Hard disc drive:** 2 GB SSD
- **RAM:** 512 MB (DDR2, 533 MHz)
- **Ports:** 3x USB 2.0, 1x Mini-USB 2.0 (slave mode), VGA/ TV, Gigabit Ethernet, SD-Card
- **Extensions:** MicroSDHC card (up to 32 GB)
- **Additional functions:** 6x status LEDs (L1-L6)

### FEATURES

- Miniaturized PC for PI160/ 4xx stand-alone operation or for cable extension
- Supports 120 Hz (PI160) and up to 70 Hz (PI4xx) frame rate
- Integrated watchdog feature
- Additional operation of customer specific software
- Processor: Intel® Atom™ Z530 @ 1.6 GHz
- 2GB SSD, 512 MB RAM
- Ports: 3x USB 2.0, 1x Mini-USB in slave mode, VGA/ Video, Gigabit Ethernet, SD-Card (up to 32 GB)
- Operating system: Windows XP Professional
- Wide power range: 8-48 VDC or Power over Ethernet (PoE)
- Status LEDs
- Low power consumption (max. 9.5 W)
- Up to 20 m USB high temperature cable, up to 100 m ethernet cable expandability (PoE)
Ethernet direct communication

Ethernet communication / networking

Stand-alone operation

Protective housing dimensions