



PC Controller Product Specifications

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| Processor | Processor: Intel® Atom™ E3815, single-core, 1.46 GHz clock frequency (TC3:40) optional Processor: Intel® Atom™ E3845, quad-core, 1.91 GHz |
| Flash memory | CFast card |
| Internal main memory | 2 GB RAM (internal, not extendable) |
| Persistent memory | 1-second UPS integrated (1MB on CFast card) |
| Interfaces | 2 x RJ 45, 10/100/1000 MBit/s, DVI-I, 4 x USB 2.0, 1x option interface |
| Diagnostic LEDs | 1 x power, 1 x TC status, 1 x flash access, 2 x bus status |
| Clock | Internal clock with battery backup for time and date (battery replaceable) |
| Operating system | Microsoft Windows Embedded Standard 7 P |
| Control software | TwinCAT2 PLC runtime or TwinCAT2 NC PTP runtime |
| Power supply | 24 V DC (-15 %/+20 %) |
| Power supply | I/O terminals 2 A |
| Max. power loss | 10 W (including system interfaces) |
| Dielectric strength | 500 V _{eff} (supply/internal electronics) |
| Dimensions (W x H x D) | 123 mm x 100 mm x 91 mm |
| Weight | approx. 975 g |
| Operating/storage temperature | -25 °C ... +60 °C / -40 °C ... +85 °C |
| Relative humidity | 95 % no condensation |
| Vibration/shock resistant | Conforms to EN 60068-2-6 / EN 60068-2-27 |
| EMC immunity/emission | Conforms to EN 61000-6-2 / EN 61000-6-4 |
| Protection class | IP 20 |
| Approvals | CE |
| TC3 performance class | performance (40) |