

SIMATIC IPC127E; without mounting accessories; Atom E3930 (2C/2T) / 2 GB RAM with TPM; Basic version; 2x Ethernet RJ45, 2x USB3.0; Without operating system; 32 GB SSD;

| General information                        |                                            |
|--------------------------------------------|--------------------------------------------|
| Product type designation                   | IPC127E                                    |
| Installation type/mounting                 |                                            |
| Mounting                                   | DIN rail, wall mounting, portrait mounting |
| Design                                     | Box PC, built-in unit                      |
| Supply voltage                             |                                            |
| Type of supply voltage                     | 24 V DC                                    |
| Mains buffering                            |                                            |
| • Mains/voltage failure stored energy time | 5 ms                                       |
| Processor                                  |                                            |
| Processor type                             | Intel Atom E3930 / E3940                   |
| Chipset                                    | SoC                                        |
| Graphic                                    |                                            |
| Graphics controller                        | Integrated                                 |
| Drives                                     |                                            |
| SSD                                        | Yes; 32 / 64 / 128 GB                      |
| Storage                                    |                                            |
| Type of memory                             | DDR4 onboard                               |
| Main memory                                | 2 / 4 GB RAM                               |
| Capacity of main memory, max.              | 4 Gbyte                                    |
| Hardware configuration                     |                                            |
| Slots                                      |                                            |
| • Number of PCI slots                      | 0                                          |
| Interfaces                                 |                                            |
| Number of industrial Ethernet interfaces   | 3; Ethernet (2x RJ45, optional 3x RJ45)    |
| Video interfaces                           |                                            |
| • Graphics interface                       | 1x DisplayPort                             |
| Industrial Ethernet                        |                                            |
| • Industrial Ethernet interface            |                                            |
| — 100 Mbps                                 | Yes                                        |
| — 1000 Mbps                                | Yes                                        |
| Protocols                                  |                                            |
| Protocols (Ethernet)                       |                                            |
| • TCP/IP                                   | Yes                                        |
| Interrupts/diagnostics/status information  |                                            |
| LED status display                         | 1x power, 3x user                          |
| Integrated Functions                       |                                            |
| Monitoring functions                       |                                            |
| • Temperature monitoring                   | Yes                                        |
| • Fan                                      | No                                         |
| • Monitoring function via network          | Optional                                   |
| Degree and class of protection             |                                            |
| IP degree of protection                    | IP40                                       |
| Standards, approvals, certificates         |                                            |
| CE mark                                    | Yes                                        |
| UL approval                                | Yes                                        |
| RCM (formerly C-TICK)                      | Yes                                        |
| EAC (formerly Gost-R)                      | Yes                                        |

|                                                               |                                                                                  |
|---------------------------------------------------------------|----------------------------------------------------------------------------------|
| FCC                                                           | Yes                                                                              |
| Dust protection                                               | Protection against foreign bodies > 1 mm                                         |
| <b>Ambient conditions</b>                                     |                                                                                  |
| Ambient temperature during operation                          |                                                                                  |
| • min.                                                        | 0 °C                                                                             |
| • max.                                                        | 55 °C                                                                            |
| Ambient temperature during storage/transportation             |                                                                                  |
| • min.                                                        | -20 °C                                                                           |
| • max.                                                        | 70 °C                                                                            |
| Vibrations                                                    |                                                                                  |
| • Vibration resistance during operation acc. to IEC 60068-2-6 | Tested according to IEC 6068-2-6; 5 Hz to 9 Hz: 3.5 mm, 9 Hz to 500 Hz: 9,8 m/s² |
| <b>Operating systems</b>                                      |                                                                                  |
| pre-installed operating system                                | Windows 10 Enterprise 2016 LTSC or 2019 LTSC 64-bit, MUI                         |
| without operating system                                      | Yes; Optional                                                                    |
| pre-installed operating system                                |                                                                                  |
| • Windows 10 Enterprise                                       | Yes; Windows 10 Enterprise 2016 LTSC or 2019 LTSC 64-bit, MUI                    |
| <b>Approvals / Certificates</b>                               |                                                                                  |
| <b>General Product Approval</b>                               |                                                                                  |

[Manufacturer Declaration](#)



[Miscellaneous](#)



[BIS CRS](#)

#### Dangerous goods

[Dangerous goods information](#) [Test Summary Report UN 38.3](#)

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