SIEMENS

## Data sheet 6AG4021-0AA12-0AA0

| | SIMATIC IPC127E; without mounting accessories; Atom E3930 (2C/2T) / 2 GB RAM; Extended version; 3x Ethernet RJ45, 4x 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 |


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| | |
|---|---|
| FCC | Yes |
| Dust protection | Protection against foreign bodies > 1 mm |
| **Ambient conditions** | |
| 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 |
| **Operating systems** | |
| pre-installed operating system | Windows 10 Enterprise 2016 LTSB or 2019 LTSC 64-bit, MUI |
| without operating system | Yes; Optional |
| pre-installed operating system | |
| ● Windows 10 Enterprise | Yes; Windows 10 Enterprise 2016 LTSB or 2019 LTSC 64-bit, MUI |
| **Approvals / Certificates** | |

**General Product Approval**

Manufacturer Declaration | CE EG-Konf. | UKCA | Miscellaneous | EAC | BIS CRS

**Dangerous goods**

Dangerous goods information | Test Summary Report UN 38.3

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