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## Data sheet 6AG4021-0AB12-0CA0




SIMATIC IPC127E; Atom E3940 (4C/4T), 4 GB RAM; Extended version 3x Ethernet RJ45, 4x USB3.0; without operating system 128 GB SSD; without mounting accessories

| | |
|---|---|
| **General information** | |
| Product type designation | IPC127E |
| **Installation type/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 E3940, 1.6 GHz, 4 cores |
| **Graphic** | |
| Graphics card | Yes |
| **Drives** | |
| SSD | Yes; 128 GB |
| **Memory** | |
| Type of memory | DDR4 |
| Main memory | 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; 3x Ethernet (RJ45) |
| Number of PROFINET interfaces | 3 |
| 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 |


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| | |
|---|---|
| ● Fan | No |
| **Degree and class of protection** | |
| IP degree of protection | IP40 |
| **Standards, approvals, certificates** | |
| CE mark | Yes |
| UL approval | 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 | No |
| pre-installed operating system | |
| ● Windows 10 Enterprise | No |
| **Dimensions** | |
| Width | 85 mm |
| Height | 104 mm |
| Depth | 41 mm |

**Classifications**

| | Version | Classification |
|---|---|---|
| eClass | 14 | 19-20-01-02 |
| eClass | 12 | 19-20-01-02 |
| eClass | 9.1 | 19-20-01-02 |
| eClass | 9 | 19-20-01-02 |
| eClass | 8 | 19-20-01-02 |
| eClass | 7.1 | 19-20-01-02 |
| eClass | 6 | 19-20-01-02 |
| ETIM | 10 | EC001413 |
| ETIM | 9 | EC001413 |
| ETIM | 8 | EC001413 |
| ETIM | 7 | EC001413 |
| IDEA | 4 | 6606 |
| UNSPSC | 15 | 43-21-15-06 |

**Approvals / Certificates**

**General Product Approval**

Manufacturer Declaration

Miscellaneous

| General Product Approval | | EMV | Dangerous goods |
|---|---|---|---|
| BIS CRS | KC | | Dangerous goods information |

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