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## Data sheet 6AG4022-0BA31-0BA2

SIMATIC IPC327G (Basicbox PC); 2x display port graphic; 2x 10/100/1000 Mbps Ethernet RJ45; 4x USB3.1, 3x USB2.0; 4x serial ports (COM); Intel Atom x6413E; (up to 3.0 GHz); 8 GB RAM; 4x USB+2x COM; without operating system; 256 GB Eco SSD; ; DIN-rail mounting;

| | |
|---|---|
| **General information** | |
| Product type designation | IPC327G |
| **Installation type/mounting** | |
| Mounting | Rail or wall mounting |
| Design | Box PC, built-in unit |
| **Supply voltage** | |
| Type of supply voltage | 24 V |
| Mains buffering | |
| ● Mains/voltage failure stored energy time | 20 ms |
| **Processor** | |
| Processor type | Intel Atom X6413E |
| **Drives** | |
| SSD | Yes; 256 GB SSD/512 GB SSD |
| **Storage** | |
| Type of memory | DDR4 |
| Main memory | 4 GB, 8 GB,16 GB |
| Capacity of main memory, max. | 16 Gbyte |
| **Interfaces** | |
| Number of industrial Ethernet interfaces | 2; 2x RJ45 (independent) |
| Video interfaces | |
| ● Graphics interface | 2x 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 | POWER, HDD |
| **Integrated Functions** | |
| Monitoring functions | |
| ● Temperature monitoring | Yes |
| ● Fan | No |
| **Degree and class of protection** | |
| IP degree of protection | IP40 |
| **Standards, approvals, certificates** | |
| CE mark | Yes |
| CSA approval | Yes |
| UL approval | Yes |
| KC approval | Yes |
| EAC (formerly Gost-R) | Yes |
| FCC | Yes |
| BSMI | Yes |
| Dust protection | Protection against foreign bodies > 1 mm |
| **Ambient conditions** | |
| Ambient temperature during operation | |


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| | |
|---|---|
| ● min. | 0 °C |
| ● max. | 55 °C; without M.2 module |
| Ambient temperature during storage/transportation | |
| ● min. | -20 °C |
| ● max. | 70 °C |
| Vibrations | |
| ● Vibration resistance during operation acc. to IEC 60068-2-6 | 58 Hz to 200 Hz: 4.9 m/s²; tested according to IEC 60068-2-6 |
| **Operating systems** | |
| pre-installed operating system | Windows 10 IoT Enterprise 2019 LTSC, 64 bit, MUI |
| without operating system | Yes; Optional |
| pre-installed operating system | |
| ● Windows 10 Enterprise | Yes; Windows 10 IoT Enterprise 2019 LTSC, 64 bit, MUI |
| **Dimensions** | |
| Width | 254 mm |
| Height | 132 mm |
| Depth | 73 mm |

## Approvals / Certificates

### General Product Approval

CB CE UKCA Manufacturer Declaration UL Miscellaneous

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

### Dangerous goods

Test Summary Report
UN 38.3

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