SIEMENS

## Data sheet 6AG4025-0DE20-6CA0



Figure similar

SIMATIC IPC527G (Box PC); Core i7-6700 (4C/8T, 3,4 (4,0) GHz); 256 GB SSD, internal; 8 GB DDR4; Windows 10 IoT Enterprise LTSC 2019 64 bit, MUI; 2x Gigabit Ethernet (IE/PN); 1x display port, 1x VGA; 4x USB 3.0, 2x USB 2.0; 2x RS232/485/422 (can be selected); 2x RS232, 1x 8bit DIO, 1xPCIex16,1x PCIex4; 2xPCIex1; 100/240 V AC power supply without line cable

| | |
|---|---|
| **General information** | |
| Product type designation | IPC527G |
| **Installation type/mounting** | |
| Mounting | Wall mounting, portrait mounting, desktop mounting |
| Design | Box PC, built-in unit |
| **Supply voltage** | |
| Type of supply voltage | 100/240V AC (autorange) 50/60 Hz |
| Line frequency | |
| ● Rated value 50 Hz | Yes |
| ● Rated value 60 Hz | Yes |
| **Processor** | |
| Processor type | Core i7-6700 (4C/4T, 3.6 (4.0) GHz, 8 MB Cache) |
| Chipset | Intel H110 |
| **Graphic** | |
| Graphics controller | Onboard Intel HD graphics 530/510 integrated in processor |
| Graphics card | Yes |
| **Drives** | |
| SSD | Yes; 256 GB SSD |
| **Storage** | |
| Type of memory | DDR4-2666 SO-DIMM |
| Main memory | 8 GB RAM |
| Capacity of main memory, max. | 32 Gbyte |
| **Hardware configuration** | |
| Slots | |
| ● Number of PCI slots | 2 |
| ● Number of PCI slots | 2 |
| **Interfaces** | |
| Number of industrial Ethernet interfaces | 2; 2x Gigabit Ethernet (IE/PN), RJ45 |
| Number of PROFINET interfaces | 2 |
| serial interface | 2x RS 232 / 485 / 422, 2x RS 232 |
| Video interfaces | |
| ● Graphics interface | 1x DisplayPort, 1x VGA |
| Industrial Ethernet | |
| ● Industrial Ethernet interface | |
| — 100 Mbps | Yes |
| — 1000 Mbps | Yes |
| **Interrupts/diagnostics/status information** | |
| LED status display | POWER, HDD |


Subject to change without notice
© Copyright Siemes

| | |
|---|---|
| **Degree and class of protection** | |
| IP degree of protection | IP20 |
| IP (at the front) | IP20 |
| IP (rear) | IP20 |
| **Standards, approvals, certificates** | |
| CE mark | Yes |
| CSA approval | Yes; No. 61010-1-12, No. 61010-2-201 |
| UL approval | Yes |
| cULus | Yes; UL 61010-1, UL 61010-2-201 |
| RCM (formerly C-TICK) | Yes |
| KC approval | Yes |
| EAC (formerly Gost-R) | Yes |
| FCC | Yes |
| **Ambient conditions** | |
| Ambient temperature during operation | |
| ● min. | 0 °C |
| ● max. | 45 °C |
| Ambient temperature during storage/transportation | |
| ● min. | -20 °C |
| ● max. | 60 °C |
| Vibrations | |
| ● Vibration resistance during operation acc. to IEC 60068-2-6 | tested according to IEC 60068-2-6: 10 Hz to 58 Hz: 0.0375 mm, 58 Hz to 200 Hz: 4.9 m/s² |
| **Operating systems** | |
| pre-installed operating system | Windows 10 IoT Enterprise 2019 LTSC, 64 bit, MUI |
| pre-installed operating system | |
| ● Windows 10 Enterprise | Yes; Windows 10 IoT Enterprise 2019 LTSC, 64 bit, MUI |
| **Dimensions** | |
| Width | 260 mm |
| Height | 135 mm |
| Depth | 225 mm |

**Classifications**

| | Version | Classification |
|---|---|---|
| eClass | 16 | 19-20-01-02 |
| 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 |

**Approvals / Certificates**

**General Product Approval**

Miscellaneous

Manufacturer Declaration

China RoHS

**Dangerous goods**

Dangerous goods in-


Subject to change without notice
© Copyright Siemens

formation

**last modified:** 11/24/2025


Subject to change without notice
© Copyright Siemes