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## Data sheet 6AG4025-0AB20-0CA0

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|---|---|
| | SIMATIC IPC527G (Box PC); 2x Gigabit Ethernet (IE/PN); 1x display port, 1x VGA; 4x USB3.0; 2x RS232/485/422 (can be selected); 100/240 V AC power supply Pentium G4400 (2C/2T, 3.3 GHz, 3 MB cache) 1 TB HDD 8 GB DDR4 Without operating system; 1 x PCIe x 16, 1 x PCIe x4; 2 x PCIe x1; Without specific expansions |
| **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/8T, 3.4 (4.0) GHz, 8 MB cache); Core i5-6500 (4C/4T, 3.2 (3.6) GHz, 6 MB cache); Pentium G4400 (2C/2T, 3.3 GHz, 3 MB cache) |
| Chipset | Intel H110 |
| **Graphic** | |
| Graphics controller | Onboard Intel HD graphics 530/510 integrated in processor |
| **Drives** | |
| Hard disk | 1 TB HDD |
| SSD | Yes; Optional |
| **Storage** | |
| Type of memory | DDR4-2133 SO-DIMM |
| Main memory | 4 / 8 / 16 GB, supports up to 32 GB |
| Capacity of main memory, max. | 32 Gbyte |
| **Hardware configuration** | |
| Slots | |
| ● Number of PCI slots | 2; Optional |
| ● Number of PCI slots | 2; Optional |
| **Interfaces** | |
| Number of industrial Ethernet interfaces | 3; 3x Gigabit Ethernet (IE/PN), RJ45 optional; 2x Gigabit Ethernet (IE/PN), RJ45 basic configuration |
| Number of PROFINET interfaces | 3; 2 ports base configuration, 3 ports optional |
| serial interface | 2x RS 232 / 485 / 422 combined, 2x RS 232 optional |
| 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 |
| **Degree and class of protection** | |
| 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 |


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|---|---|
| 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 7 Ultimate (Multi-Language) 32-bit / 64-bit; Windows 10 Enterprise 2016 LTSB |
| without operating system | Yes |
| pre-installed operating system | |
| ● Windows 7 | Yes; Ultimate 32 bit or 64 bit |
| ● Windows 10 | Yes; Windows 10 Enterprise 2016 LTSB, 64 bit, MUI |
| **Dimensions** | |
| Width | 260 mm |
| Height | 135 mm |
| Depth | 225 mm |

**Approvals / Certificates**

| General Product Approval | | | | Dangerous goods | |
|---|---|---|---|---|---|
| Manufacturer Declaration | CE EG-Konf. | UK CA | EAC | Dangerous goods information | Dangerous goods information |

| Dangerous goods |
|---|
| Test Summary Report UN 38.3 |

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