



SIMATIC IPC527G (Box PC); Core i5-6500 (4C/4T, 3.2 (3.6) GHz); 256 GB SSD, internal; 8 GB DDR4; Windows 7 Ultimate 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, 2x PCI; 1xPClex16,1x PCIe x1; 100/240 V AC power 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 i5-6500 (4C/4T, 3.2 (3.6) GHz, 6 MB Cache) |
| Chipset | Intel H110 |
| Graphic | |
| Graphics controller | Onboard Intel HD graphics 530/510 integrated in processor |
| Graphics card | Yes |
| Drives | |
| Hard disk | 1 TB HDD |
| Memory | |
| 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 |

| 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/s ² |

| Operating systems | |
|--------------------------------|--|
| pre-installed operating system | Windows 7 Ultimate (Multi-Language) 64-bit |
| pre-installed operating system | |
| • Windows 7 | Yes; Ultimate 64 bit |

| Dimensions | |
|------------|--------|
| Width | 260 mm |
| Height | 135 mm |
| Depth | 225 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 | Dangerous goods |

[Manufacturer Declaration](#)



[Dangerous goods information](#)

last modified:

11/24/2025