



Figure similar

SIMATIC IPC527G (Box PC); Core i5-6500 (4C/4T, 3,4 (3,6) 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, 1xPClex16,1x PClex4; 2xPClex1; 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 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                                    |                                                           |
| 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                                                |

| 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 <sup>2</sup> |
| 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-](#)

[formation](#)

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