

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); 4 GB RAM; 4x USB+4x COM via male connector; without operating system; 256 GB Eco SSD; ; standard;

| 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       |                                          |

|                                                               |                                                              |
|---------------------------------------------------------------|--------------------------------------------------------------|
| • 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 |  |



[Manufacturer Declaration](#)



[Miscellaneous](#)

|                                                                                     |                                                                                     |                         |                                                                                     |                                             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------------------|---------------------------------------------|
| General Product Approval                                                            |                                                                                     |                         | EMV                                                                                 | Dangerous goods                             |
|  |  | <a href="#">BIS CRS</a> |  | <a href="#">Dangerous goods information</a> |

|                                             |
|---------------------------------------------|
| Dangerous goods                             |
| <a href="#">Test Summary Report UN 38.3</a> |

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