

\*\*\* no longer available \*\*\* SIMATIC IPC327E (Basicbox PC); 1x display port graphic; 1x VGA port graphic; 2x 10/100/1000 Mbps Ethernet RJ45; 2x USB3.0, 4x USB2.0; 6x serial ports (COM); Celeron N3160 (4C/4T); 8 GB RAM; 1x mPCIe / 1x mSATA; Without operating system; 1 TB HDD; 24 V DC power supply; DIN rail, wall mounting;

| General information                        |                                                                 |
|--------------------------------------------|-----------------------------------------------------------------|
| Product type designation                   | IPC327E                                                         |
| Installation type/mounting                 |                                                                 |
| Mounting                                   | Standard mounting rail, wall mounting (horizontal and vertical) |
| Design                                     | Box PC, built-in unit                                           |
| Supply voltage                             |                                                                 |
| Type of supply voltage                     | 24 V DC                                                         |
| Mains buffering                            |                                                                 |
| • Mains/voltage failure stored energy time | 10 ms                                                           |
| Processor                                  |                                                                 |
| Processor type                             | Intel Celeron N3160                                             |
| Chipset                                    | SoC                                                             |
| Graphic                                    |                                                                 |
| Graphics controller                        | Integrated                                                      |
| Drives                                     |                                                                 |
| Hard disk                                  | 1 TB HDD                                                        |
| SSD                                        | Yes; 256 GB SSD                                                 |
| Storage                                    |                                                                 |
| Type of memory                             | DDR3L                                                           |
| Main memory                                | 4 GB, 8 GB                                                      |
| Capacity of main memory, max.              | 8 Gbyte                                                         |
| Interfaces                                 |                                                                 |
| Number of industrial Ethernet interfaces   | 2; 2x Ethernet (RJ45)                                           |
| serial interface                           | 6x COM (4x RS 232, 2x RS 232 / 422 / 485 switchable)            |
| 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                                                      |
| 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                                                             |
| UL approval                                | Yes                                                             |
| cULus                                      | Yes                                                             |
| RCM (formerly C-TICK)                      | Yes                                                             |
| EAC (formerly Gost-R)                      | Yes                                                             |
| FCC                                        | Yes                                                             |
| Dust protection                            | Protection against foreign bodies > 1 mm                        |

| Ambient conditions                                            |                                                                                                    |
|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Ambient temperature during operation                          |                                                                                                    |
| • min.                                                        | 0 °C                                                                                               |
| • max.                                                        | 50 °C                                                                                              |
| Ambient temperature during storage/transportation             |                                                                                                    |
| • min.                                                        | -20 °C                                                                                             |
| • max.                                                        | 60 °C                                                                                              |
| Vibrations                                                    |                                                                                                    |
| • Vibration resistance during operation acc. to IEC 60068-2-6 | tested to DIN IEC 60068-2-6: 10 Hz to 58 Hz: 0.075 mm, 58 Hz to 200 Hz: 9.8 m/s <sup>2</sup> (1 g) |
| Operating systems                                             |                                                                                                    |
| pre-installed operating system                                | Windows 7 Ultimate (Multi-Language), 64 bit; Windows 10 Enterprise 2016 LTSB, 64 bit               |
| without operating system                                      | Yes; Optional                                                                                      |
| pre-installed operating system                                |                                                                                                    |
| • Windows 7                                                   | Yes; Ultimate 64 bit                                                                               |
| • Windows 10 Enterprise                                       | Yes; Windows 10 Enterprise 2016 LTSB, 64 bit, MUI                                                  |
| Dimensions                                                    |                                                                                                    |
| Width                                                         | 254 mm                                                                                             |
| Height                                                        | 140 mm                                                                                             |
| Depth                                                         | 75 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 |  |

[Manufacturer Declaration](#)



[Miscellaneous](#)

| General Product Approval | EMV                        | Dangerous goods                             |                                             |
|--------------------------|----------------------------|---------------------------------------------|---------------------------------------------|
|                          | <a href="#">China RoHS</a> | <a href="#">Dangerous goods information</a> | <a href="#">Test Summary Report UN 38.3</a> |

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

