

SIMATIC IPC377G (basic panel PC); 19" singletouch (1366 x 768); 2x 10/100/1000 Mbps Ethernet RJ45; 2x DisplayPort graphic; 4x USB 3.1; 2x M.2 extension slot; 24 V DC power supply Atom x6413E (up to 3.9 GHz); 4 GB RAM; 4x USB+2x COM; Windows10 Enterprise 2019 LTSC, 64 bit; MUI (en,de,fr,it,es); 256 GB SSD;

| Installation type/mounting | |
|--|--|
| Mounting | Panel mount and VESA, horizontal and vertical |
| Design | Panel PC, built-in unit |
| Supply voltage | |
| Type of supply voltage | 24 V DC |
| Mains buffering | |
| <ul style="list-style-type: none"> Mains/voltage failure stored energy time | 10 ms |
| Storage | |
| Type of memory | DDR4 |
| Capacity of main memory, max. | 16 Gbyte |
| Hardware configuration | |
| Slots | |
| <ul style="list-style-type: none"> free slots | 2x M.2 |
| Interfaces | |
| Number of industrial Ethernet interfaces | 2; 2x RJ45 (independent) |
| Video interfaces | |
| <ul style="list-style-type: none"> Graphics interface | 2x DisplayPort |
| Industrial Ethernet | |
| <ul style="list-style-type: none"> Industrial Ethernet interface <ul style="list-style-type: none"> — 100 Mbps — 1000 Mbps | 2x Ethernet (RJ45) Yes Yes |
| Protocols | |
| Protocols (Ethernet) | |
| <ul style="list-style-type: none"> TCP/IP | Yes |
| Integrated Functions | |
| Monitoring functions | |
| <ul style="list-style-type: none"> Temperature monitoring Watchdog Fan | Yes Yes No |
| EMC | |
| Interference immunity against discharge of static electricity | |
| <ul style="list-style-type: none"> Interference immunity against discharge of static electricity | ±6 kV contact discharge acc. to IEC 61000-4-2; ±8 kV air discharge acc. to IEC 61000-4-2 |
| Interference immunity against high-frequency electromagnetic fields | |
| <ul style="list-style-type: none"> Interference immunity against high frequency radiation | 10 V/m for 80 ... 1 000 MHz, 80 % AM according to IEC 61000-4-3; 3 V/m for 1.4 ... 6 GHz, 80 % AM according to IEC 61000-4-3 |
| Degree and class of protection | |
| IP (at the front) | IP65 |
| IP (rear) | IP40 |
| Standards, approvals, certificates | |
| CE mark | Yes |
| CSA approval | Yes |
| UL approval | Yes |
| RCM (formerly C-TICK) | 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. | 50 °C |
| Ambient temperature during storage/transportation | |
| • min. | -20 °C |
| • max. | 70 °C |
| Relative humidity | |
| • Operation, max. | 85 % |
| Vibrations | |
| • Vibration resistance during operation acc. to IEC 60068-2-6 | Tested according to IEC 60068-2-6: 5 Hz to 8.4 Hz: 3.5 mm, 8.4 Hz to 500 Hz: 9.8 m/s ² |
| Operating systems | |
| without operating system | Yes |
| pre-installed operating system | |
| • Windows 10 Enterprise | Yes |
| Classifications | |

| | Version | Classification |
|--------|---------|----------------|
| eClass | 14 | 19-20-01-03 |
| eClass | 12 | 19-20-01-03 |
| eClass | 9.1 | 19-20-01-03 |
| eClass | 9 | 19-20-01-03 |
| eClass | 8 | 27-24-23-01 |
| eClass | 7.1 | 27-24-23-01 |
| eClass | 6 | 27-24-23-01 |
| ETIM | 10 | EC001414 |
| ETIM | 9 | EC001414 |
| ETIM | 8 | EC001414 |
| ETIM | 7 | EC001414 |

Approvals / Certificates

General Product Approval



[Miscellaneous](#)



General Product Approval **EMV** **Dangerous goods**



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