












SIMATIC IPC377G (basic panel PC); 15" 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); 8 GB RAM; 4x USB+2x COM; without operating system; without drive; ;

| General information                        |   |
|--|---|
| Product type designation                   | IPC377G                                       |
| Display                                    |   |
| Design of display                          | 15" TFT touch                                 |
| Screen diagonal                            | 15 in   |
| Resolution (pixels)                        |   |
| • Horizontal image resolution              | 1 366 pixel                                   |
| • Vertical image resolution                | 768 pixel                                     |
| Backlighting                               |   |
| • MTBF backlighting (at 25 °C)             | 50 000 h                                      |
| Control elements                           |   |
| Touch operation                            |   |
| • Design as touch screen                   | Yes; Analog-resistive                         |
| Installation type/mounting                 |   |
| Mounting                                   | Panel mount and VESA, horizontal and vertical |
| Design                                     | Panel PC, built-in unit                       |
| central design                             | Yes   |
| Mounting in portrait format possible       | Yes   |
| Supply voltage                             |   |
| Type of supply voltage                     | 24 V DC                                       |
| Mains buffering                            |   |
| • Mains/voltage failure stored energy time | 10 ms   |
| Processor                                  |   |
| Processor type                             | Intel Atom X6413E                             |
| 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 (at the front)   | IP65  |
| IP (rear)   | IP40  |
| <b>Standards, approvals, certificates</b>   |   |
| 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  |
| <b>Ambient conditions</b>   |   |
| Ambient temperature during operation  |   |
| <ul style="list-style-type: none"> <li>min.</li> <li>max.</li> </ul>  | 0 °C<br>50 °C; when installed vertically in horizontal format, vertical inclination maximum 45° or when installed upright in vertical format  |
| Ambient temperature during storage/transportation   |   |
| <ul style="list-style-type: none"> <li>min.</li> <li>max.</li> </ul>  | -20 °C<br>70 °C   |
| Relative humidity   |   |
| <ul style="list-style-type: none"> <li>Operation, max.</li> </ul>   | 85 %  |
| Vibrations  |   |
| <ul style="list-style-type: none"> <li>Vibration resistance during operation acc. to IEC 60068-2-6</li> </ul>   | 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 <sup>2</sup>   |
| <b>Operating systems</b>  |   |
| without operating system  | Yes   |
| pre-installed operating system  |   |
| <ul style="list-style-type: none"> <li>Windows 10 Enterprise</li> </ul>   | Yes   |
| <b>Dimensions</b>   |   |
| Width   | 652 mm  |
| Height  | 443 mm  |
| Depth   | 209 mm  |
| Width of the housing front  | 406 mm  |
| Height of housing front   | 258.1 mm  |
| Mounting cutout, width  | 388.39999 mm  |
| Mounting cutout, height   | 240.5 mm  |
| mounting depth  | 99.7 mm   |
| <b>Weights</b>  |   |
| Weight, approx.   | 4.8 kg  |
| <b>Approvals / Certificates</b>   |   |
| General Product Approval  |   |
|      |   |
| <a href="#">Special Test Certificate</a>  |   |
| Test Certificates   | Maritime application  |
| <a href="#">Type Test Certificates/Test Report</a>  |     |
| <a href="#">Confirmation</a>  |   |
| other   | Environment   |



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