

SIMATIC IPC277G (nanopanel PC); 15" multi-touch (1920 x 1080); 3x 10/100/1000 Mbps Ethernet RJ45; 2x display port graphic; 4x USB 3.1, 2x M.2 extension slot; 24 V DC industrial power supply Atom X6413E (4-core); 4 GB RAM; without COM; 256 GB Eco SSD; without hardware extension; Windows 10 IoT Enterprise 2021 LTSC, 64-bit, MUI (en/de/fr/it/es), ;

| General information                  |                            |
|--------------------------------------|----------------------------|
| Product type designation             | IPC277G                    |
| Display                              |                            |
| Design of display                    | 15" TFT multi-touch        |
| Screen diagonal                      | 15 in                      |
| Resolution (pixels)                  |                            |
| • Horizontal image resolution        | 1 920 pixel                |
| • Vertical image resolution          | 1 080 pixel                |
| Backlighting                         |                            |
| • MTBF backlighting (at 25 °C)       | 50 000 h                   |
| Control elements                     |                            |
| Touch operation                      |                            |
| • Design as multi-touch screen       | Yes; Projective-capacitive |
| Installation type/mounting           |                            |
| central design                       | Yes                        |
| Mounting in portrait format possible | Yes                        |
| Power loss                           |                            |
| In full configuration                | 80 W                       |
| Dimensions                           |                            |
| Width of the housing front           | 398 mm                     |
| Height of housing front              | 257 mm                     |
| Mounting cutout, width               | 382 mm                     |
| Mounting cutout, height              | 241 mm                     |
| Overall depth                        | 105 mm                     |
| Weights                              |                            |
| Weight, approx.                      | 5.3 kg                     |

| 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            |  | 9       | EC001414       |
| ETIM            |  | 8       | EC001414       |
| ETIM            |  | 7       | EC001414       |

| Approvals / Certificates |  |
|--------------------------|--|
| General Product Approval |  |



[Miscellaneous](#)



[BIS\\_CRS](#)

| General Product Approval | For use in hazardous locations | Maritime application |
|--------------------------|--------------------------------|----------------------|
|--------------------------|--------------------------------|----------------------|

[KC](#)



| Maritime application | Environment |
|----------------------|-------------|
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[NK / Nippon Kaiji Kyokai](#)

[CCS \(China Classification Society\)](#)



last modified:

2/27/2024 