

SIMATIC IPC277G (nanopanel PC); 12" multi-touch (1280 x 800); 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); 8 GB RAM / with USB flash drive (documentation); without COM; 256 GB Eco SSD; without hardware extension; Windows 10 IoT Enterprise 2021 LTSC, 64-bit, MUI (en/de/fr/it/es), ;

| Display | | | |
|--------------------------------------|----------------------------|---------|----------------|
| Design of display | 12" TFT multi-touch | | |
| Screen diagonal | 12 in | | |
| Resolution (pixels) | | | |
| • Horizontal image resolution | 1 280 pixel | | |
| • Vertical image resolution | 800 pixel | | |
| Backlighting | | | |
| • MTBF backlighting (at 25 °C) | 70 000 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 | 326 mm | | |
| Height of housing front | 237 mm | | |
| Mounting cutout, width | 310 mm | | |
| Mounting cutout, height | 221 mm | | |
| mounting depth | 104 mm | | |
| Weights | | | |
| Weight, approx. | 5.1 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 | 10 | EC001414 |
| | ETIM | 9 | EC001414 |
| | ETIM | 8 | EC001414 |
| | ETIM | 7 | EC001414 |
| Approvals / Certificates | | | |
| General Product Approval | | | |



[Miscellaneous](#)



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