SIEMENS

## Data sheet 6AV7882-0AB20-1LA0

SIMATIC IPC277E (Nanopanel PC); 7" Touch TFT; 2x 10/100/1000 Mbps Ethernet RJ45; 1x display port graphic; 1x USB 3.0; 2x USB 2.0; 1x serial (COM 1); CFast slot; 24 V DC power supply Celeron N2930 (4C/4T) 4 GB RAM; WIN Embedded Standard 7E SP1, English; 32 bit 8 GB CFAST; without SIMATIC software

| | |
|---|---|
| **General information** | |
| Product type designation | IPC277E |
| **Display** | |
| Design of display | 7" TFT touch |
| Screen diagonal | 7 in |
| Resolution (pixels) | |
| ● Horizontal image resolution | 800 pixel |
| ● Vertical image resolution | 480 pixel |
| Backlighting | |
| ● MTBF backlighting (at 25 °C) | 80 000 h |
| **Control elements** | |
| Touch operation | |
| ● Design as touch screen | Yes; analog, resistive |
| **Installation type/mounting** | |
| central design | Yes |
| Mounting in portrait format possible | Yes |
| **Power loss** | |
| In full configuration | 26 W |
| **Dimensions** | |
| Width of the housing front | 214 mm |
| Height of housing front | 158 mm |
| Mounting cutout, width | 197 mm |
| Mounting cutout, height | 141 mm |
| Overall depth | 77 mm |
| **Weights** | |
| Weight, approx. | 1.5 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 | | | Maritime application | |
|---|---|---|---|---|
| CE EG-Konf. | UKCA | Manufacturer Declaration | Miscellaneous | ABS, BUREAU VERITAS |


Subject to change without notice
© Copyright Siemens

**Maritime application**







NK / Nippon Kaiji Kyokai

CCS (China Classification Society)




**last modified:** 8/26/2025


Subject to change without notice
© Copyright Siemens