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Data sheet 6AV7882-0CA20-8CA0

SIMATIC IPC277E (Nanopanel PC); 12" Touch TFT; 2x 10/100/1000 Mbps Ethernet RJ45; 1x display port graphic; 1x USB 3.0; 3x USB 2.0; 1x serial (COM 1); CFast slot; 24 V DC power supply Celeron N2807 (2C/2T) 4 GB RAM; Windows 10 Enterprise 2019 LTSC, 64-bit; MUI (en,de,fr,it,es); 240 GB SSD without SIMATIC software

General information	
Product type designation	IPC277E
Display	
Design of display	12" TFT touch
Screen diagonal	12 in
Resolution (pixels)	
● Horizontal image resolution	1 280 pixel
● Vertical image resolution	800 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	32 W
Dimensions	
Width of the housing front	330 mm
Height of housing front	241 mm
Mounting cutout, width	310 mm
Mounting cutout, height	221 mm
Overall depth	73 mm
Weights	
Weight, approx.	2.75 kg

Approvals / Certificates

General Product Approval | **Marine / Shipping**

CE EG-Konf. | UKCA | Manufacturer Declaration | KC | RCM | ABS

Marine / Shipping

BUREAU VERITAS | DNV | LRS | NK / Nippon Kaiji Kyokai | CCS (China Classification Society) | KR

Dangerous goods	Environment
Dangerous goods information	Environmental Confirmations

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