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Data sheet 6AV7882-0CA10-2EA0

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) 2 GB RAM; WIN Embedded Standard 7E SP1, English; 64 bit 256 GB Eco 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
mounting depth	73 mm
Weights	
Weight, approx.	2.75 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

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Manufacturer Declaration

Miscellaneous

China RoHS

General Product Approval	Maritime application

Maritime application		Dangerous goods	
NK / Nippon Kaiji Kyokai	KR (Korean Register of Shipping)	Dangerous goods information	Test Summary Report UN 38.3

last modified: 11/25/2025

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