

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 N2930 (4C/4T) 4 GB RAM; Windows 10 IoT Enterprise LTSC 2016, 64 bit, MUI (en,de,fr,it,es) 480 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		
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			



[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](#)

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