

SIMATIC IPC277E (Nanopanel PC); 9" 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 N2807 (2C/2T) 8 GB RAM; Windows 10 IoT Enterprise LTSB 2016, 64 bit, MUI (en,de,fr,it,es) 256 GB Eco SSD; without SIMATIC software

General information			
Product type designation	IPC277E		
Display			
Design of display	9" TFT touch		
Screen diagonal	9 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	29 W		
Dimensions			
Width of the housing front	274 mm		
Height of housing front	190 mm		
Mounting cutout, width	251 mm		
Mounting cutout, height	166 mm		
mounting depth	77 mm		
Weights			
Weight, approx.	1.95 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](#)

[CCS \(China Classification Society\)](#)

[KR \(Korean Register of Shipping\)](#)

[Dangerous goods information](#)

[Test Summary Report UN 38.3](#)

last modified:

11/25/2025