

SIMATIC IPC277E (Nanopanel PC); 15" Multitouch (1366 x 768); 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 with NVRAM WIN Embedded Standard 7E SP1, English; 64 bit 240 GB SSD CPU 1507S/WinCC RT Advanced V16 Update 1, 2048 PT;

General information			
Product type designation	IPC277E		
Display			
Design of display	15" TFT multi-touch		
Screen diagonal	15 in		
Resolution (pixels)			
• Horizontal image resolution	1 366 pixel		
• Vertical image resolution	768 pixel		
Backlighting			
• MTBF backlighting (at 25 °C)	70 000 h		
Control elements			
Touch operation			
• Design as multi-touch screen	Yes; Projective-capacitive		
Installation type/mounting			
central design	Yes		
Mounting in portrait format possible	Yes		
Power loss			
In full configuration	46 W		
Dimensions			
Width of the housing front	398 mm		
Height of housing front	257 mm		
Mounting cutout, width	382 mm		
Mounting cutout, height	241 mm		
mounting depth	76 mm		
Weights			
Weight, approx.	5.5 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			



[Manufacturer Declaration](#)

[Miscellaneous](#)



[China RoHS](#)

General Product Approval

Maritime application



Dangerous goods

[Dangerous goods information](#)

[Test Summary Report UN 38.3](#)

last modified:

11/25/2025