

SIMATIC IPC277E (Nanopanel PC); 15" 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; 1x front-USB Celeron N2807 (2C/2T) 4 GB RAM; WIN Embedded Standard 7 P SP1, English; 64 bit 16 GB CFAST; without SIMATIC software

General information			
Product type designation	IPC277E		
Display			
Design of display	15" TFT touch		
Screen diagonal	15 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			
Input device			
• Mouse, at front	Front USB 2.0 (500mA)		
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	46 W		
Dimensions			
Width of the housing front	415 mm		
Height of housing front	310 mm		
Mounting cutout, width	395 mm		
Mounting cutout, height	290 mm		
mounting depth	73 mm		
Weights			
Weight, approx.	4 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			



[Miscellaneous](#)

[Manufacturer Declaration](#)



[China RoHS](#)

General Product Approval

Maritime application

Dangerous goods



[Test Summary Report UN 38.3](#)

Dangerous goods

[Dangerous goods information](#)

last modified:

11/25/2025