

SIMATIC IPC277E (Nanopanel PC); 7" 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) 4 GB RAM; Windows 10 IoT Enterprise LTSB 2016, 64 bit, MUI (en,de,fr,it,es) 240 GB SSD without SIMATIC software

General information			
Product type designation	IPC277E		
Display			
Design of display	7" TFT touch		
Screen diagonal	7 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	26 W		
Dimensions			
Width of the housing front	214 mm		
Height of housing front	158 mm		
Mounting cutout, width	197 mm		
Mounting cutout, height	141 mm		
mounting depth	77 mm		
Weights			
Weight, approx.	1.5 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	Maritime application		


[Miscellaneous](#)



[Confirmation](#)



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

other	Railway	Dangerous goods	Environment		
	Confirmation	Confirmation	Transport Information	Environmental Confirmations	Environmental Confirmations

Environment



last modified:

11/25/2025 