

SIMATIC IPC277E (Nanopanel PC); 19" 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 N2930 (4C/4T) 8 GB RAM; WIN Embedded Standard 7E SP1, English; 32 bit 240 GB SSD without SIMATIC software

Display	
Design of display	19" TFT touch
Screen diagonal	19 in
Resolution (pixels)	
• Horizontal image resolution	1 366 pixel
• Vertical image resolution	768 pixel
Backlighting	
• MTBF backlighting (at 25 °C)	50 000 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	483 mm
Height of housing front	337 mm
Mounting cutout, width	464 mm
Mounting cutout, height	318 mm
mounting depth	73 mm
Weights	
Weight, approx.	5.7 kg
Approvals / Certificates	
General Product Approval	



[Manufacturer Declaration](#)

[Miscellaneous](#)



[China RoHS](#)

General Product Approval

Maritime application

Dangerous goods



[Dangerous goods information](#)

Dangerous goods

[Test Summary Report UN 38.3](#)

last modified:

12/24/2025 