


SIMATIC IPC277G (nanopanel PC); 24" multi-touch (1920 x 1080); 3x 10/100/1000 Mbps Ethernet RJ45; 2x display port graphic; 4x USB 3.1, 2x M.2 extension slot; 24 V DC industrial power supply Atom X6414RE (4-core) with TPM; 8 GB RAM / with USB flash drive (documentation); 2x COM; 256 GB Eco SSD; without hardware extension; Windows 10 IoT Enterprise 2019 LTSC, 64-bit, MUI (en/de/fr/it/es), ;

Display	
Design of display	24" TFT multi-touch
Screen diagonal	24 in
Resolution (pixels)	
• Horizontal image resolution	1 920 pixel
• Vertical image resolution	1 080 pixel
Backlighting	
• MTBF backlighting (at 25 °C)	30 000 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	80 W
Dimensions	
Width of the housing front	585 mm
Height of housing front	363 mm
Mounting cutout, width	569 mm
Mounting cutout, height	347 mm
mounting depth	105 mm
Weights	
Weight, approx.	9.6 kg
Approvals / Certificates	
General Product Approval	



[Miscellaneous](#)



General Product Approval	Dangerous goods		
	China RoHS	Test Summary Report UN 38.3	Dangerous goods information

last modified:

11/25/2025 