

SIMATIC IPC677E (Panel PC), 22" Multitouch (1920x1080); UHD graphic onboard; DP/DVI-D; 3x Gigabit Ethernet (1E/PN); 6x USB 3.1 Gen. 2; 1x serial (COM 1); RAID controller onboard; Watchdog, temperature and fan monitoring; Core i7-8700 (6C/12T, 3.2(4.6) GHz, 12 MB cache, VT-d, AMT); SSD 2.5" SATA 960 GB internal; 16 GB DDR4-2666 (2x8); 24 V DC industrial power supply Windows 10 Enterprise 2019 LTSC, 64-bit, MUI (en, de, fr, it, es) For Core i7; Without extension (software); Without extension (HW); 2x PCI

General information	
Product type designation	IPC677E
Display	
Design of display	22" TFT multi-touch
Screen diagonal	22 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 touch screen	Yes
• 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	165 W
Dimensions	
Width of the housing front	529 mm
Height of housing front	331 mm
Mounting cutout, width	513 mm
Mounting cutout, height	315 mm
mounting depth	120 mm
Weights	
Weight, approx.	10.5 kg
Approvals / Certificates	
General Product Approval	

[Miscellaneous](#)



General Product Approval

For use in hazardous locations



[BIS CRS](#)

[CCC-Ex](#)



[Type Examination Certificate](#)

Maritime application



[NK / Nippon Kaiji Kyokai](#)

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

Maritime application	Dangerous goods	Environment	
----------------------	-----------------	-------------	--

[KR \(Korean Register of Shipping\)](#)

[Dangerous goods information](#)

[Environmental Confirmations](#)

[Environmental Confirmations](#)

last modified:

12/9/2025