



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 2016 LTSB, 64 bit, MUI (en, de, fr, it, es) For Core i7; Without extension (software); 2x USB 2.0 (1 slot occupied); 1x PCIe (x16), 1x PCI

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	
Classifications		
	<b>Version</b>	<b>Classification</b>
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		
<b>General Product Approval</b>	<b>Test Certificates</b>	



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

Maritime application | other | Environment



[Confirmation](#)



[Environmental Confirmations](#)

Environment



last modified:

11/24/2025