

SIMATIC IPC677E (Panel PC), 24" 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 480 GB internal; 32 GB DDR4-2666(2x16); 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	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 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	585 mm		
Height of housing front	363 mm		
Mounting cutout, width	569 mm		
Mounting cutout, height	347 mm		
mounting depth	120 mm		
Weights			
Weight, approx.	12.5 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			

Miscellaneous



General Product Approval

For use in hazardous locations



[BIS CRS](#)

[China RoHS](#)



[CCC-Ex](#)

For use in hazardous locations

Maritime application



[Type Examination Certificate](#)



Maritime application

other

Dangerous goods



[NK / Nippon Kaiji Kyokai](#)

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

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



[Dangerous goods information](#)

Environment

[Environmental Confirmations](#)

[Environmental Confirmations](#)

last modified:

11/24/2025