

SIMATIC IPC677E(Panel PC), 19" 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 i3-8100 (4C/4T, 3.6 GHz, 6 MB cache, VT-d); SSD 2.5" SATA 480 GB internal; 16 GB DDR4-2666 (2x8); 110/230 V AC industrial power supply unit With NAMUR; Power supply cable USA; Windows 10 Enterprise 2019 LTSC, 64-bit, MUI (en, de, fr, it, es) For Celeron and Core I3; SIMATIC IPC Image&Partition Creator enclosed; 2x USB 2.0 (1 slot occupied); 2x PCIe (x16, x4)

General information			
Product type designation	IPC677E		
Display			
Design of display	19" TFT multi-touch		
Screen diagonal	19 in		
Resolution (pixels)			
• Horizontal image resolution	1 920 pixel		
• Vertical image resolution	1 080 pixel		
Backlighting			
• MTBF backlighting (at 25 °C)	50 000 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	155 W		
Dimensions			
Width of the housing front	464 mm		
Height of housing front	294 mm		
Mounting cutout, width	448 mm		
Mounting cutout, height	278 mm		
mounting depth	120 mm		
Weights			
Weight, approx.	9.5 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			
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](#)

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