

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; 8 GB DDR4-2666(2x4); 24 V DC industrial power supply Windows 10 Enterprise 2019 LTSC, 64-bit, MUI (en, de, fr, it, es) For Celeron and Core I3; Without extension (software); 2x USB 2.0 (1 slot occupied); 2x PCIe (x16, x4)

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		
	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](#)

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