

SIMATIC IPC677E (Panel PC), 19" multi-touch (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; device without CMOS battery (CR2450N); Core i3-8100 (4C/4T, 3.6 GHz, 6 MB cache, VT-d); NVRAM; M.2 SSD NVMe 512 GB; 64 GB DDR4-2666(4x16); 24 V DC industrial power supply Windows 10 Enterprise 2016 LTSC, 64 bit, MUI (en, de, fr, it, es) For Celeron and Core i3; Without extension (software); 2x PCI

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
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
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[BIS CRS](#)

[China RoHS](#)



[CCC-Ex](#)



For use in hazardous locations	Maritime application
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[Type Examination Certificate](#)



Maritime application	other	Dangerous goods	Environment
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[NK / Nippon Kaiji Kyokai](#)

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

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



[Dangerous goods information](#)

[Environmental Confirmations](#)

Environment

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