

SIMATIC IPC677E(Panel PC), 19" Multitouch (1920x1080); UHD graphic onboard; DP/DVI-D; 3x Gigabit Ethernet (IE/PN); 6x USB 3.1 Gen. 2; 1x serial (COM 1); RAID controller onboard; Watchdog, temperature and fan monitoring; Celeron G4900 (2C/2T, 3.1 GHz, 2 MB cache; VT-d); NVRAM; RAID1 2x SSD 2.5" SATA 480 GB In removable frame; 8 GB DDR4-2666(2x4); 110/230 V AC industrial power supply unit With NAMUR; Power supply cable Europe; Windows 10 IoT Enterprise 2021 LTSC, 64-bit, MUI (en,de,fr,it,es;); for Celeron and i3; SIMATIC IPC DiagMonitor and Image&Partition Creator 2x USB 2.0 (1 slot occupied); 1x PCIe (x16), 1x 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
Approvals / Certificates	
General Product Approval	

[Miscellaneous](#)



[China RoHS](#)



General Product Approval

For use in hazardous locations



[BIS CRS](#)

[CCC-Ex](#)



For use in hazardous locations

Maritime application

[Type Examination Certificate](#)



[NK / Nippon Kaiji Kyokai](#)

Maritime application	Dangerous goods	Environment
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[CCS \(China Classification Society\)](#)

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

[Dangerous goods information](#)

[Environmental Confirmations](#)

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