

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 i7-8700 (6C/12T, 3.2(4.6) GHz, 12 MB cache, VT-d, AMT); SSD 2.5" SATA 480 GB internal; 16 GB DDR4-2666 (2x8); 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); 2x USB 2.0 (1 slot occupied); 2x PCI

| 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 |
| 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



ATEX



IECEX

[Type Examination Certificate](#)



ABS



BUREAU VERITAS



DNV

Maritime application other Dangerous goods



LRS

[NK / Nippon Kaiji Kyokai](#)

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

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



CB

[Dangerous goods information](#)

Environment

[Environmental Confirmations](#)

[Environmental Confirmations](#)

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