

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; Core i3-8100 (4C/4T, 3.6 GHz, 6 MB cache, VT-d); M.2 SSD NVMe 512 GB; 16 GB DDR4-2666 (2x8); 24 V DC industrial power supply Windows 10 Enterprise 2016 LTSC, 64 bit, MUI (en, de, fr, it, es) For Celeron and Core i3; with TPM; Without extension (HW); 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                | 150 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                     |
| Overall depth                        | 120 mm                     |
| Weights                              |                            |
| Weight, approx.                      | 9.5 kg                     |
| Approvals / Certificates             |                            |
| General Product Approval             |                            |



[Miscellaneous](#)



[KC](#)



General Product Approval

For use in hazardous locations

Maritime application

[BIS CRS](#)



[Type Examination Certificate](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)

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



Dangerous goods

Environment

[Dangerous goods information](#)

[Environmental Conformations](#)

last modified:

7/15/2025