

SIMATIC IPC677E (Panel PC), 22" 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; 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 Core i7; Without extension (software); Without extension (HW); 2x PCI

| General information | | | |
|--------------------------------------|----------------------------|-------------|----------------|
| Product type designation | IPC677E | | |
| Display | | | |
| Design of display | 22" TFT multi-touch | | |
| Screen diagonal | 22 in | | |
| Resolution (pixels) | | | |
| • Horizontal image resolution | 1 920 pixel | | |
| • Vertical image resolution | 1 080 pixel | | |
| Backlighting | | | |
| • MTBF backlighting (at 25 °C) | 30 000 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 | 165 W | | |
| Dimensions | | | |
| Width of the housing front | 529 mm | | |
| Height of housing front | 331 mm | | |
| Mounting cutout, width | 513 mm | | |
| Mounting cutout, height | 315 mm | | |
| mounting depth | 120 mm | | |
| Weights | | | |
| Weight, approx. | 10.5 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 | other | Environment | |



[Confirmation](#)

[Environmental Con-
firmations](#)

last modified:

11/24/2025 