

SIMATIC IPC677E(Panel PC), 22" 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 i7-8700 (6C/12T, 3.2(4.6) GHz, 12 MB cache, VT-d, AMT); RAID1 2x SSD 2.5" SATA 480 GB In removable frame; 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             |                            |         |                |

Miscellaneous



General Product Approval

For use in hazardous locations



[BIS CRS](#)

[China RoHS](#)



[CCC-Ex](#)

For use in hazardous locations

Maritime application



[Type Examination Certificate](#)



Maritime application

other

Dangerous goods



[NK / Nippon Kaiji Kyokai](#)

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

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



[Dangerous goods information](#)

Environment

[Environmental Confirmations](#)

[Environmental Confirmations](#)

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