

SIMATIC IPC677D (Panel PC), 2x10/100/1000 Mbit/s Ethernet; 4x USB V3.0, 1x serial (COM1); Watchdog, temperature and Fan monitoring; RAID controller onboard; 22" Touch (1920x 1080); with front USB Core I3-4330TE (2C/4T, 2.4 GHz, 4 MB cache, VT-X); PROFINET (IRT, 3 ports, CP 1616-compatible); 2 MB buffered SRAM Solid-state drive 80 GB 2 GB DDR3 1600 DIMM; 2x PCI without expansion (HW) Windows Embedded Standard 7 P, 32 bit SP1 MUI (de,en,fr,es,it) With SSD 240 GB options without RAID; without expansion (software) 24 V DC industrial Power supply

| Display                                     |                        |
|---------------------------------------------|------------------------|
| Design of display                           | 22" TFT 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                            |                        |
| Input device                                |                        |
| • Mouse, at front                           | Front USB 2.0 (500mA)  |
| Touch operation                             |                        |
| • Design as touch screen                    | Yes; analog, resistive |
| 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                  | 560 mm                 |
| Height of housing front                     | 380 mm                 |
| Mounting cutout, width                      | 542 mm                 |
| Mounting cutout, height                     | 362 mm                 |
| mounting depth                              | 112 mm                 |
| • additional mounting depth (optical drive) | 26 mm                  |
| Weights                                     |                        |
| Weight, approx.                             | 16 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 |  |



[Manufacturer Declaration](#)

[Miscellaneous](#)



#### General Product Approval

[BIS CRS](#)

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[Test Summary Report UN 38.3](#)

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