

SIMATIC IPC PX-39A PRO 22" multi-touch (1920 x 1080); fully enclosed IP65; 4 USB (back); without USB (front); Ethernet (10/100/1000); Intel Xeon W-11555MLE (1.9/4.4 GHz, 6C/12T); 16 GB; 1st mass storage: M.2 SSD 512 GB Eco; without 2nd mass storage; Windows 11 IoT Enterprise 2024 LTSC with Celeron processors, W-11155MLE, W-11555MLE; support arm (expandable, round pipe); with USB flash drive (restore image; D&D) 24 V DC industrial power supply (premium, power failure, isolated, bridging time)

| General information                                       |                                                                                                                                                                             |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product type designation                                  | PX-39A PRO                                                                                                                                                                  |
| Display                                                   |                                                                                                                                                                             |
| Design of display                                         | TFT widescreen display, LED backlighting                                                                                                                                    |
| Screen diagonal                                           | 22 in                                                                                                                                                                       |
| Display width                                             | 476 mm                                                                                                                                                                      |
| Display height                                            | 267 mm                                                                                                                                                                      |
| Resolution (pixels)                                       |                                                                                                                                                                             |
| • Horizontal image resolution                             | 1 920 pixel                                                                                                                                                                 |
| • Vertical image resolution                               | 1 080 pixel                                                                                                                                                                 |
| Control elements                                          |                                                                                                                                                                             |
| Touch operation                                           |                                                                                                                                                                             |
| • Design as touch screen                                  | Yes; Projective-capacitive                                                                                                                                                  |
| • Design as multi-touch screen                            | Yes; Projective-capacitive                                                                                                                                                  |
| Installation type/mounting                                |                                                                                                                                                                             |
| Mounting                                                  | For mounting on stand or supporting bracket                                                                                                                                 |
| Design                                                    | Panel PC on pedestal or supporting arm                                                                                                                                      |
| Support arm mounting                                      | Yes; Suitable for support arm and extension components (please refer to manual)                                                                                             |
| Stand mounting                                            | Yes; prepared for base and extension components (please refer to manual)                                                                                                    |
| Mounting in portrait format possible                      | No                                                                                                                                                                          |
| Supply voltage                                            |                                                                                                                                                                             |
| Type of supply voltage                                    | 24 V DC                                                                                                                                                                     |
| Rated value (DC)                                          | 24 V                                                                                                                                                                        |
| Mains buffering                                           |                                                                                                                                                                             |
| • Mains/voltage failure stored energy time                | 20 ms                                                                                                                                                                       |
| Processor                                                 |                                                                                                                                                                             |
| Processor type                                            | Intel Celeron 6600HLE (2.1 GHz, 2C/2T) Intel Xeon W-11155MLE (1.8/3.1 GHz, 4C/6T) Intel Xeon W-11555MLE (1.9/4.4 GHz, 6C/12T) Intel Xeon W-11865MLE (1.5/4.5 GHz, 8C/16T)   |
| Chipset                                                   | Intel® RM590E                                                                                                                                                               |
| Graphic                                                   |                                                                                                                                                                             |
| Graphics controller                                       | Intel® UHD Graphics 16 EUs (for Intel® Celeron® 6600HLE and Intel® Xeon® W-11155MLE) / Intel® UHD Graphics 32 EUs (for Intel® Xeon® W-11555MLE and Intel® Xeon® W-11865MLE) |
| Drives                                                    |                                                                                                                                                                             |
| Hard disk                                                 | M.2 SSD ≥ 240 GB                                                                                                                                                            |
| SSD                                                       | Yes; ≥ 240 GB optional                                                                                                                                                      |
| Storage                                                   |                                                                                                                                                                             |
| Type of memory                                            | DDR4-2400 SO-DIMM                                                                                                                                                           |
| Main memory                                               | 4 / 8 / 16 / 32 GB; ECC optional                                                                                                                                            |
| Capacity of main memory, max.                             | 32 Gbyte                                                                                                                                                                    |
| Data areas and their retentivity                          |                                                                                                                                                                             |
| Retentive data area (incl. timers, counters, flags), max. | 512 kbyte; 128 KB can be stored in the buffer time                                                                                                                          |
| Hardware configuration                                    |                                                                                                                                                                             |
| Slots                                                     |                                                                                                                                                                             |
| • Number of PCI slots                                     | 0; Different to the built-in unit                                                                                                                                           |

|                                                               |                                                                                                      |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| • Number of compact flash slots                               | 0                                                                                                    |
| <b>Interfaces</b>                                             |                                                                                                      |
| Number of industrial Ethernet interfaces                      | 4; 4x Gigabit Ethernet (IE/PN)                                                                       |
| serial interface                                              | 1x (optional) COM (RS 232 / 485 / 422; selectable)                                                   |
| <b>Video interfaces</b>                                       |                                                                                                      |
| • Graphics interface                                          | 2x DisplayPort (DP1.4-capable): maximum 4096 × 2304 / 60 Hz / 36 bit                                 |
| <b>Industrial Ethernet</b>                                    |                                                                                                      |
| • Industrial Ethernet interface                               |                                                                                                      |
| — 100 Mbps                                                    | Yes                                                                                                  |
| — 1000 Mbps                                                   | Yes                                                                                                  |
| <b>Interrupts/diagnostics/status information</b>              |                                                                                                      |
| LED status display                                            | No                                                                                                   |
| Bus diagnostics                                               | Yes                                                                                                  |
| <b>Integrated Functions</b>                                   |                                                                                                      |
| <b>Monitoring functions</b>                                   |                                                                                                      |
| • Temperature monitoring                                      | Yes                                                                                                  |
| • Fan                                                         | No                                                                                                   |
| • Monitoring function via network                             | Optional                                                                                             |
| <b>Degree and class of protection</b>                         |                                                                                                      |
| IP (at the front)                                             | IP65                                                                                                 |
| IP (rear)                                                     | IP65                                                                                                 |
| <b>Standards, approvals, certificates</b>                     |                                                                                                      |
| CE mark                                                       | Yes                                                                                                  |
| UKCA mark                                                     | Yes                                                                                                  |
| CSA approval                                                  | Yes                                                                                                  |
| UL approval                                                   | Yes; UL 61010-2-201 Second Edition, File E85972                                                      |
| • UL 508                                                      | No                                                                                                   |
| cULus                                                         | Yes                                                                                                  |
| RCM (formerly C-TICK)                                         | Yes                                                                                                  |
| KC approval                                                   | Yes                                                                                                  |
| EAC (formerly Gost-R)                                         | Yes                                                                                                  |
| FCC                                                           | Yes                                                                                                  |
| BSMI                                                          | No; in preparation                                                                                   |
| BIS                                                           | Yes                                                                                                  |
| <b>Use in hazardous areas</b>                                 |                                                                                                      |
| • CCC Ex                                                      | Yes                                                                                                  |
| <b>Marine approval</b>                                        |                                                                                                      |
| • Germanischer Lloyd (GL)                                     | Yes                                                                                                  |
| • American Bureau of Shipping (ABS)                           | Yes                                                                                                  |
| • Bureau Veritas (BV)                                         | Yes                                                                                                  |
| • Det Norske Veritas (DNV)                                    | Yes                                                                                                  |
| • Korean Register of Shipping (KRS)                           | Yes                                                                                                  |
| • Lloyds Register of Shipping (LRS)                           | Yes                                                                                                  |
| • Nippon Kaiji Kyokai (Class NK)                              | Yes                                                                                                  |
| <b>Ambient conditions</b>                                     |                                                                                                      |
| <b>Ambient temperature during operation</b>                   |                                                                                                      |
| • min.                                                        | 0 °C                                                                                                 |
| • max.                                                        | 45 °C                                                                                                |
| <b>Ambient temperature during storage/transportation</b>      |                                                                                                      |
| • min.                                                        | -20 °C                                                                                               |
| • max.                                                        | 60 °C                                                                                                |
| <b>Altitude during operation relating to sea level</b>        |                                                                                                      |
| • Installation altitude above sea level, max.                 | 2 000 m                                                                                              |
| <b>Relative humidity</b>                                      |                                                                                                      |
| • Operation, max.                                             | 85 %                                                                                                 |
| <b>Vibrations</b>                                             |                                                                                                      |
| • Vibration resistance during operation acc. to IEC 60068-2-6 | tested according to IEC 60068-2-6; 5 Hz to 8.4 Hz: 3.5 mm, 8.4 Hz up to 200 Hz: 9.8 m/s <sup>2</sup> |
| <b>Operating systems</b>                                      |                                                                                                      |

|                                |                                                                                         |
|--------------------------------|-----------------------------------------------------------------------------------------|
| pre-installed operating system | Windows 10 IoT Enterprise 2021 LTSC, Windows 11 IoT Enterprise 2024 LTSC, Industrial OS |
| without operating system       | Yes; Optional                                                                           |
| pre-installed operating system |                                                                                         |
| • Windows 7                    | No                                                                                      |
| • Windows 10 Enterprise        | Yes; Windows 10 IoT Enterprise 2021 LTSC                                                |
| • Windows 11                   | Yes; Windows 11 IoT Enterprise 2024 LTSC                                                |
| Dimensions                     |                                                                                         |
| Width of the housing front     | 527 mm                                                                                  |
| Height of housing front        | 329 mm; Without basic adapter                                                           |
| Weights                        |                                                                                         |
| Weight, approx.                | 9.3 kg                                                                                  |
| Approvals / Certificates       |                                                                                         |
| General Product Approval       |                                                                                         |



[BIS CRS](#)

| General Product Approval                                                          |                                                                                   |                                                                                   | For use in hazardous locations                                                    |                               |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  | <a href="#">Miscellaneous</a> |  |
| For use in hazardous locations                                                    |                                                                                   | Dangerous goods                                                                   |                                                                                   |                               |                                                                                     |



[Dangerous goods information](#)

last modified:

2/2/2026 