



Figure similar

SIMATIC IPC PX-39A (panel PC), Intel Xeon W-11155MLE (1.8/3.1 GHz, 4C/8T), 4 x USB, 4 x Ethernet, 22" multi-touch neutral (1920 x 1080), 8 GB RAM, M.2 SSD 256 GB Eco, Windows 10 IoT Enterprise 2021 LTSC, 24 DC industrial power supply (premium, power failure, isolated)

| General information | |
|--|---|
| Product type designation | PX-39A |
| Display | |
| Design of display | 22" TFT multi-touch |
| Screen diagonal | 21.5 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 | |
| Keyboard fonts | |
| • Function keys | No |
| • alphanumeric keyboard | No |
| Touch operation | |
| • Design as multi-touch screen | Yes; Projective-capacitive |
| Installation type/mounting | |
| Mounting | For horizontal and vertical mounting |
| Design | Panel PC, built-in unit |
| central design | Yes |
| distributed design | No |
| Mounting in portrait format possible | Yes |
| Supply voltage | |
| Rated value (DC) | 24 V |
| Rated value (AC) | 240 V |
| Line frequency | |
| • Rated value 50 Hz | Yes |
| • Rated value 60 Hz | Yes |
| Mains buffering | |
| • Mains/voltage failure stored energy time | 20 ms |
| Processor | |
| Processor type | Intel® Xeon W-11155MLE (1.8 / 3.1 GHz, 4C/8T) |
| Chipset | Intel® RM590E |
| Graphic | |
| Graphics controller | Intel HD graphics controller |
| Drives | |
| Hard disk | M.2 SSD 256 GB Eco |
| SSD | Yes; 256 GB |

| Memory | |
|---|---|
| Type of memory | DDR4-3200 SO-DIMM |
| Main memory | 8 GB RAM |
| Capacity of main memory, max. | 32 Gbyte |
| Hardware configuration | |
| Slots | |
| • Number of compact flash slots | 0 |
| Interfaces | |
| Number of industrial Ethernet interfaces | 4; 4x Gigabit Ethernet (IE/PN) |
| Video interfaces | |
| • Graphics interface | 2x DisplayPort |
| Industrial Ethernet | |
| • Industrial Ethernet interface | |
| — 100 Mbps | Yes |
| — 1000 Mbps | Yes |
| Interrupts/diagnostics/status information | |
| LED status display | No |
| Bus diagnostics | Yes |
| Integrated Functions | |
| Monitoring functions | |
| • Temperature monitoring | Yes |
| • Fan | No |
| • Monitoring function via network | Optional |
| Degree and class of protection | |
| IP (at the front) | IP65 |
| IP (rear) | IP20 |
| Standards, approvals, certificates | |
| CE mark | 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 |
| Use in hazardous areas | |
| • ATEX Zone 2 | No; in preparation |
| • IECEx Zone 2 | No; in preparation |
| • cULus Class I Zone 2, Division 2 | No; in preparation |
| Marine approval | |
| • Germanischer Lloyd (GL) | No; in preparation |
| • American Bureau of Shipping (ABS) | No; in preparation |
| • Bureau Veritas (BV) | No; in preparation |
| • Det Norske Veritas (DNV) | No; in preparation |
| • Korean Register of Shipping (KRS) | No; in preparation |
| • Lloyds Register of Shipping (LRS) | No; in preparation |
| • Nippon Kaiji Kyokai (Class NK) | No; in preparation |
| Ambient conditions | |
| Ambient temperature during operation | |
| • min. | 0 °C |
| • max. | 50 °C |
| Ambient temperature during storage/transportation | |
| • min. | -20 °C |
| • max. | 60 °C |
| Relative humidity | |
| • Operation, max. | 85 % |
| Vibrations | |

• Vibration resistance during operation acc. to IEC 60068-2-6

tested according to IEC 60068-2-6; 5 Hz to 9 Hz: 3.5 mm; 9 Hz to 500 Hz: 9.8 m/s²

Operating systems

| | |
|--------------------------------|--|
| pre-installed operating system | Windows 10 Enterprise 2021 LTSC |
| pre-installed operating system | |
| • Windows 7 | No |
| • Windows 10 Enterprise | Yes; Windows 10 IoT Enterprise 2021 LTSC |

Dimensions

| | |
|---|---------|
| Width of the housing front | 529 mm |
| Height of housing front | 331 mm |
| Mounting cutout, width | 513 mm |
| Mounting cutout, height | 315 mm |
| Overall depth | 91.6 mm |
| overall depth with depth with PCI expansion | 117 mm |

Weights

| | |
|-----------------|--------|
| Weight, approx. | 9.5 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](#)

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