SIEMENS

## Data sheet 6AV7272-3DA00-0AB1

SIMATIC IPC PX-32A 22" ST Singletouch 4 x USB 3.2 (back), Ethernet (10/100/1000) Intel Xeon W-11155MLE (1.8/3.1 GHz, 4C/8T); 4 GB; without 1st mass storage; without 2nd mass storage; without operating system without option 1 USB restore stick with D&D and software image (if selected) 9-36 V DC industrial power supply (wide range)

| | |
|---|---|
| **General information** | |
| Product type designation | PX-32A |
| **Display** | |
| Design of display | 22" TFT touch |
| Screen diagonal | 22 in |
| Resolution (pixels) | |
| ● Horizontal image resolution | 1 366 pixel |
| ● Vertical image resolution | 768 pixel |
| Backlighting | |
| ● MTBF backlighting (at 25 °C) | 50 000 h |
| **Control elements** | |
| Keyboard | |
| ● Function keys | No |
| ● alphanumeric keyboard | No |
| Touch operation | |
| ● Design as touch screen | Yes |
| **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 | No |
| **Supply voltage** | |
| Type of supply voltage | 9 - 36 V DC |
| 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/8T) 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 | DDR4-3200 SO-DIMM |
| Main memory | 4 / 8 / 16 / 32 GB |
| Capacity of main memory, max. | 32 Gbyte |
| **Hardware configuration** | |
| Slots | |
| ● Number of PCI slots | 0 |
| ● Number of compact flash slots | 0 |
| **Interfaces** | |
| Number of industrial Ethernet interfaces | 2; 2x Gigabit Ethernet (IE/PN), RJ45 |


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|---|---|
| serial interface | 2x / 4x (optional) COM (RS 232 / 485 / 422; selectable) |
| Video interfaces | |
| ● Graphics interface | 2x DisplayPort (DP1.4-capable): maximum 4096 × 2304 / 60 Hz / 36 bit |
| Industrial Ethernet | |
| ● Industrial Ethernet interface | |
| — 100 Mbps | Yes |
| — 1000 Mbps | Yes |
| **Interrupts/diagnostics/status information** | |
| LED status display | No |
| Bus diagnostics | No |
| **Integrated Functions** | |
| Monitoring functions | |
| ● Temperature monitoring | No |
| ● 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 |
| UKCA mark | Yes |
| CSA approval | Yes |
| UL approval | Yes; UL 61010-2-201 Second Edition, File E472609 |
| ● UL 508 | No |
| cULus | Yes |
| RCM (formerly C-TICK) | Yes |
| KC approval | No; in preparation |
| EAC (formerly Gost-R) | No |
| FCC | Yes |
| BSMI | No; in preparation |
| BIS | Yes |
| Use in hazardous areas | |
| ● ATEX Zone 2 | No |
| ● IECEx Zone 2 | No |
| ● cULus Class I Zone 2, Division 2 | No |
| Marine approval | |
| ● Germanischer Lloyd (GL) | No |
| ● American Bureau of Shipping (ABS) | No |
| ● Bureau Veritas (BV) | No |
| ● Det Norske Veritas (DNV) | No |
| ● Korean Register of Shipping (KRS) | No |
| ● Lloyds Register of Shipping (LRS) | No |
| ● Nippon Kaiji Kyokai (Class NK) | No |
| **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 IoT Enterprise 2021 LTSC, Industrial OS |
| without operating system | Yes; Optional |
| pre-installed operating system | |


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| | |
|---|---|
| ● Windows 7 | No |
| ● Windows 10 Enterprise | Yes; Windows 10 IoT Enterprise 2021 LTSC |
| **Dimensions** | |
| Width of the housing front | 540 mm |
| Height of housing front | 334 mm |
| Mounting cutout, width | 522.2 mm |
| Mounting cutout, height | 316.89999 mm |
| mounting depth | 96 mm |
| **Weights** | |
| Weight, approx. | 8 kg |
| **Approvals / Certificates** | |

**General Product Approval**






Miscellaneous







BIS CRS

| General Product Approval | Dangerous goods |
|---|---|
| China RoHS | Dangerous goods in-formation |

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