



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
mounting depth	91.6 mm
mounting depth with PCI expansion	117 mm

Weights

Weight, approx.	9.5 kg
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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](#)

[China RoHS](#)

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