

SIMATIC IPC PX-39A 15" multi-touch (1920 x 1080); Intel(R) UHD graphics onboard 4 x USB 3.2 Ethernet (10/100/1000); PCIe (optional); Intel Celeron 6600HLE (2.1 GHz; 2C/2T); 4 GB; M.2 SSD 480 GB without 2nd mass storage; Windows 10 IoT Enterprise 2021 LTSC for Celeron, Xeon W-11155MLE, Xeon W-11555MLE; with 1 x PCIe slot; USB restore stick with D&D and software image (if selected) 24 V DC industrial power supply (power failure, isolated, bridging time);

General information	
Product type designation	PX-39A
Display	
Design of display	15" TFT multi-touch
Screen diagonal	15.6 in
Resolution (pixels)	
• Horizontal image resolution	1 920 pixel
• Vertical image resolution	1 080 pixel
Backlighting	
• MTBF backlighting (at 25 °C)	50 000 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	
Type of supply voltage	24 V DC
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
Input current	
Current consumption (rated value)	5 A; at 24 V DC and without load
Current consumption, max.	5 A; At 24 V DC
Inrush current, max.	75 A
Processor	
Processor type	Intel Xeon W-11155MLE (1.8/3.1 GHz, 4C/6T)
Chipset	Intel® RM590E
Graphic	
Graphics controller	Intel® UHD Graphics 16 EUs (for Intel® Celeron® 6600HLE and Intel® Xeon® W-11155MLE)
Drives	
Hard disk	M.2 SSD 256 GB Eco
SSD	Yes
Memory	
Type of memory	DDR4-3200 SO-DIMM

Hardware configuration	
Slots	
• Number of PCI slots	0
• Number of compact flash slots	0
Interfaces	
Number of industrial Ethernet interfaces	4; 4x Gigabit Ethernet (IE/PN)
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	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
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
Marine approval	
• 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
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/s ²
Operating systems	
without operating system	Yes
Dimensions	

Width of the housing front	398 mm
Height of housing front	257 mm
Mounting cutout, width	382 mm
Mounting cutout, height	241 mm
mounting depth	91.6 mm
mounting depth with PCI expansion	117 mm

Weights

Weight, approx.	7 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](#)



General Product Approval	Dangerous goods
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[BIS CRS](#)



[Dangerous goods in-formation](#)

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