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Data sheet 6AG4021-0AD12-0CB0

	SIMATIC IPC127E; 1x DisplayPort; 3x 10/100/1000 Mbps RJ45; 4x USB 3.0; 24 V DC industrial power supply without mounting accessories; Industrial Edge (Simatic)
General information	
Product type designation	IPC127E
Installation type/mounting	
Mounting	DIN rail, wall mounting, portrait mounting
Design	Box PC, built-in unit
Supply voltage	
Type of supply voltage	24 V DC
Mains buffering	
● Mains/voltage failure stored energy time	5 ms
Processor	
Processor type	Intel Atom E3940, 1.6 GHz, 4 cores
Chipset	SoC
Graphic	
Graphics controller	Integrated
Drives	
SSD	Yes; 128 GB
Memory	
Type of memory	DDR4 onboard
Main memory	4 GB RAM
Capacity of main memory, max.	4 Gbyte
Hardware configuration	
Slots	
● Number of PCI slots	0
Interfaces	
Number of industrial Ethernet interfaces	3; Ethernet (2x RJ45, optional 3x RJ45)
Number of PROFINET interfaces	3
Video interfaces	
● Graphics interface	1x DisplayPort
Industrial Ethernet	
● Industrial Ethernet interface	
— 100 Mbps	Yes
— 1000 Mbps	Yes
Interrupts/diagnostics/status information	
LED status display	1x power, 3x user
Integrated Functions	
Monitoring functions	
● Temperature monitoring	Yes
● Fan	No
Degree and class of protection	
IP degree of protection	IP40
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes
RCM (formerly C-TICK)	Yes
EAC (formerly Gost-R)	Yes
FCC	Yes
Dust protection	Protection against foreign bodies > 1 mm
Ambient conditions	
Ambient temperature during operation	

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● min.	0 °C
● max.	50 °C
Ambient temperature during storage/transportation	
● min.	-20 °C
● max.	60 °C
Vibrations	
● Vibration resistance during operation acc. to IEC 60068-2-6	Tested according to IEC 6068-2-6; 5 Hz to 9 Hz: 3.5 mm, 9 Hz to 500 Hz: 9,8 m/s²
Operating systems	
pre-installed operating system	SIMATIC Industrial OS
Dimensions	
Width	85 mm
Height	104 mm
Depth	41 mm

Classifications

	Version	Classification
eClass	14	19-20-01-02
eClass	12	19-20-01-02
eClass	9.1	19-20-01-02
eClass	9	19-20-01-02
eClass	8	19-20-01-02
eClass	7.1	19-20-01-02
eClass	6	19-20-01-02
ETIM	10	EC001413
ETIM	9	EC001413
ETIM	8	EC001413
ETIM	7	EC001413

Approvals / Certificates

General Product Approval				Dangerous goods
Miscellaneous	Manufacturer Declaration	CE EG-Konf.	UKCA	Dangerous goods information

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