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Data sheet 6AG4021-0AB12-1BA0

SIMATIC IPC127E; Atom E3940 (4C/4T), 4 GB RAM; Extended version; 3x Ethernet RJ45, 4x USB3.0; Windows 10 Enterprise LTSB 2016, 64 bit, MUI (en, de, fr, it, es); 64 GB SSD; without mounting accessories

General information	
Product type designation	IPC127E
Installation type/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
Graphic	
Graphics card	Yes
Drives	
SSD	Yes; 64 GB
Storage	
Type of memory	DDR4
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; 3x Ethernet (RJ45)
Number of PROFINET interfaces	3
Video interfaces	
● Graphics interface	1x DisplayPort
Industrial Ethernet	
● Industrial Ethernet interface	
— 100 Mbps	Yes
— 1000 Mbps	Yes
Protocols	
Protocols (Ethernet)	
● TCP/IP	Yes
Interrupts/diagnostics/status information	
LED status display	1x power, 3x user
Integrated Functions	
Monitoring functions	
● Temperature monitoring	Yes

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● Fan	No
Degree and class of protection	
IP degree of protection	IP40
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes
Dust protection	Protection against foreign bodies > 1 mm
Ambient conditions	
Ambient temperature during operation	
● min.	0 °C
● max.	55 °C
Ambient temperature during storage/transportation	
● min.	-20 °C
● max.	70 °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	Windows 10 Enterprise 2016 LTSB, 64 bit, MUI
pre-installed operating system	
● Windows 10 Enterprise	Yes; Windows 10 Enterprise 2016 LTSB, 64 bit, MUI
Dimensions	
Width	85 mm
Height	104 mm
Depth	41 mm

Classifications

	Version	Classification
eClass	16	19-20-01-02
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
IDEA	4	6606
UNSPSC	15	43-21-15-06

Approvals / Certificates

General Product Approval

Manufacturer Declaration

Miscellaneous

General Product Approval	EMV	Dangerous goods
BIS CRS		Dangerous goods information

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