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Data sheet 6AG4022-0AA21-2BA1

*** no longer available *** SIMATIC IPC327E (Basicbox PC); 1x display port graphic; 1x VGA port graphic; 2x 10/100/1000 Mbps Ethernet RJ45; 2x USB3.0, 4x USB2.0; 6x serial ports (COM); Celeron N3160 (4C/4T); 4 GB RAM; 1x mPCIe / 1x mSATA; Windows 10 Enterprise 2016 LTSB, 64 bit; MUI (en,de,fr,it,es); 1 TB HDD; 24 V DC power supply; DIN rail, wall mounting;

General information	
Product type designation	IPC327E
Installation type/mounting	
Mounting	Standard mounting rail, wall mounting (horizontal and vertical)
Design	Box PC, built-in unit
Supply voltage	
Type of supply voltage	24 V DC
Mains buffering	
● Mains/voltage failure stored energy time	10 ms
Processor	
Processor type	Intel Celeron N3160
Chipset	SoC
Graphic	
Graphics controller	Integrated
Drives	
Hard disk	1 TB HDD
SSD	Yes; 256 GB SSD
Storage	
Type of memory	DDR3L
Main memory	4 GB, 8 GB
Capacity of main memory, max.	8 Gbyte
Interfaces	
Number of industrial Ethernet interfaces	2; 2x Ethernet (RJ45)
serial interface	6x COM (4x RS 232, 2x RS 232 / 422 / 485 switchable)
Video interfaces	
● Graphics interface	1x DisplayPort, 1x VGA
Industrial Ethernet	
● Industrial Ethernet interface	
— 100 Mbps	Yes
— 1000 Mbps	Yes
Interrupts/diagnostics/status information	
LED status display	POWER, HDD
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
cULus	Yes
RCM (formerly C-TICK)	Yes
EAC (formerly Gost-R)	Yes
FCC	Yes
Dust protection	Protection against foreign bodies > 1 mm

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Ambient conditions	
Ambient temperature during operation	
● 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 to DIN IEC 60068-2-6: 10 Hz to 58 Hz: 0.075 mm, 58 Hz to 200 Hz: 9.8 m/s² (1 g)
Operating systems	
pre-installed operating system	Windows 7 Ultimate (Multi-Language), 64 bit; Windows 10 Enterprise 2016 LTSB, 64 bit
without operating system	Yes; Optional
pre-installed operating system	
● Windows 7	Yes; Ultimate 64 bit
● Windows 10 Enterprise	Yes; Windows 10 Enterprise 2016 LTSB, 64 bit, MUI
Dimensions	
Width	254 mm
Height	140 mm
Depth	75 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

Approvals / Certificates

General Product Approval

Manufacturer Declaration

Miscellaneous

General Product Approval			EMV	Dangerous goods	
		China RoHS		Test Summary Report UN 38.3	Dangerous goods information

Dangerous goods

Dangerous goods information

Test Summary Report UN 38.3

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