SIEMENS

Data sheet 6AG4012-1AA21-0XX0

no longer available SIMATIC IPC347E (rack PC, 19, 4 U); Pentium Dual Core 3420 (2C/2T, 3.2 GHz, 3 MB cache); interfaces: 2x Gbit Ethernet, 1x DVI-D, 1x VGA, 2x USB on the front, 4x USB on the rear, 1x USB internal, 2x serial, 2x PS/2, audio; 1x 500 GB HDD, internal; 4 GB DDR3 SD-RAM (1x 4 GB), single channel; DVD +/-RW; without operating system; 100/240 V industrial power supply, without line cable



General information	
Product type designation	IPC347E
Installation type/mounting	
Mounting	For horizontal rack mounting
Design	Rack PC, 19", 4U
Supply voltage	
Type of supply voltage	100 - 240 V AC
Line frequency	
● Rated value 50 Hz	Yes
● Rated value 60 Hz	Yes
Processor	
Processor type	Pentium Dual Core G3420 (2C/2T, 3.2 GHz, 3 MB Cache)
Graphic	
Graphics card	Yes
Drives	
Hard disk	500 GB HDD
Storage	
Type of memory	DDR3-SDRAM
Main memory	4 GB (pre-installed), support up to 16 GB
Capacity of main memory, max.	4 Gbyte
Hardware configuration	
Slots	
● Number of PCI slots	4
Interfaces	
Interfaces/bus type	2x Gbit Ethernet (RJ45), 1x DVI-D, 1x VGA, 4x USB 2.0 on rear, 2x USB 2.0 on front, 2x COM, 2x PS/2, Audio (Line In, Line Out, Micro)
Number of industrial Ethernet interfaces	2
Number of PROFINET interfaces	0
serial interface	2x COM ports (RS 232, RS 422, RS 485)
Video interfaces	
● Graphics interface	1x VGA; 1x DVI-D
Industrial Ethernet	
● Industrial Ethernet interface	
— 100 Mbps	Yes
— 1000 Mbps	Yes
Interrupts/diagnostics/status information	
LED status display	POWER, HDD
Degree and class of protection	
IP degree of protection	IP20

Subject to change without notice
© Copyright Siemens

IP (at the front)	IP20
IP (rear)	IP20
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes
cULus	Yes
KC approval	Yes
FCC	Yes
Ambient conditions	
Ambient temperature during operation	
● min.	5 °C
● max.	40 °C
Ambient temperature during storage/transportation	
● min.	-20 °C
● max.	60 °C
Operating systems	
pre-installed operating system	No
without operating system	Yes
Mechanics/material	
Enclosure material (front)	
● Aluminum	Yes
Dimensions	
Width	430 mm
Height	177 mm
Depth	463 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

Miscellaneous | Manufacturer Declaration | | | Miscellaneous | FCC

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

Subject to change without notice
© Copyright Siemens

Dangerous goods

Dangerous goods information	Test Summary Report UN 38.3

last modified: 11/24/2025

Subject to change without notice
© Copyright Siemens