

no longer available SIMATIC IPC347E (rack PC, 19, 4 U); Core i5-4570S (4C/4T, 2.9 (3.6) GHz, 6 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	Core i5-4570S (4C/4T, 2.9 (3.6) GHz, 6 MB Cache)
Graphic	
Graphics card	Yes
Drives	
Hard disk	500 GB HDD
Memory	
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	
• free slots	4x PCI, 1x PCIe (x1), 1x PCIe (x8) (2 Lanes), 1x PCIe (x16) (16 Lanes)
• Number of PCI slots	4
Interfaces	
Interfaces/bus type	2x Gbit Ethernet (RJ45)
Number of industrial Ethernet interfaces	2
Number of PROFINET interfaces	0
USB port	2x USB 3.0 rear, 2x USB 2.0 rear, 2x USB 2.0 front, 1x USB 2.0 internal
Connection for keyboard/mouse	2x PS/2
serial interface version	2x COM ports (RS 232, RS 422, RS 485)
Multimedia	
• Audio In/Out	Yes
• Microphone In	Yes
Industrial Ethernet	
• Industrial Ethernet interface	2x Ethernet (RJ45)
— 100 Mbps	Yes
— 1000 Mbps	Yes
Interrupts/diagnostics/status information	
LED status display	POWER, HDD

EMC			
Interference immunity against discharge of static electricity			
● Interference immunity against discharge of static electricity		±4 kV contact discharge acc. to IEC 61000-4-2; ±8 kV air discharge acc. to IEC 61000-4-2	
Interference immunity against high-frequency electromagnetic fields			
● Interference immunity against high frequency radiation		10 V/m for 80 - 1 000 MHz, 80% AM acc. to IEC 61000-4-3; 3 V/m for 1.4 - 2 GHz, 80% AM acc. to IEC 61000-4-3; 1 V/m for 2 - 2.7 GHz, 80% AM acc. to IEC 61000-4-3; 10 V for 150 kHz - 80 MHz, 80% AM acc. to IEC 61000-4-6	
Interference immunity to cable-borne interference			
● Interference immunity on supply cables		±2 kV acc. to IEC 61000-4-4, burst; ±1 kV acc. to IEC 61000-4-5, surge symmetric; ±2 kV acc. to IEC 61000-4-5, surge asymmetric	
● Interference immunity on signal cables >30m		±2 kV acc. to IEC 61000-4-4, burst; length > 30 m; ±2 kV acc. to IEC 61000-4-5, surge; length > 30 m	
● Interference immunity on signal cables < 30m		±1 kV acc. to IEC 61000-4-4, Burst	
Interference immunity against voltage surge			
● asymmetric interference		±2 kV acc. to IEC 61000-4-5, surge asymmetric	
● symmetric interference		±1 kV acc. to IEC 61000-4-5, surge symmetric	
Interference immunity to magnetic fields			
● Interference immunity to magnetic fields at 50 Hz		30 A/m; to IEC 61000-4-8	
Emission of conducted and non-conducted interference			
● Interference emission via line/AC current cables		IEC 61000-6-4, CISPR 22, FCC Class A	
Compliance with line harmonic distortion limits			
● Compliance with line harmonic distortion acc. to IEC 61000-3-2, IEC 61000-3-3		Yes; EN 61000-3-2 Class D; EN 61000-3-3	
Degree and class of protection			
IP degree of protection		IP20	
IP (at the front)		IP20	
IP (rear)		IP20	
Standards, approvals, certificates			
CE mark		Yes	
UL approval		Yes	
cULus		Yes	
KC approval		Yes	
FCC		Yes	
EMC		CE, EN 61000-6-4:2007 +A1:2011, EN 61000-6-2:2005	
Ambient conditions			
Ambient temperature during operation			
● min.		5 °C	
● max.		40 °C	
Ambient temperature during storage/transportation			
● min.		-20 °C	
● max.		60 °C	
Relative humidity			
● Relative humidity		Tested according to IEC 60068-2-78, IEC 60068-2-30: Operation: 5% to 80% at 25 °C (no condensation), Storage: 5% to 95% at 25 °C (no condensation)	
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	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	9	EC001413
ETIM	8	EC001413
ETIM	7	EC001413
IDEA	4	6606
UNSPSC	15	43-21-15-06

Approvals / Certificates

General Product Approval

[Manufacturer Declaration](#)


UL

[KC](#)

[Miscellaneous](#)

[FCC](#)


RCM

EMV Dangerous goods


RCM

[Dangerous goods information](#)

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