

No longer available SIMATIC IPC347D (Rack PC, 19", 4HU);
 Core I5-3000 Series (4C/4T, 6 MB cache); Interfaces: 2x Gbit Ethernet, 1x DVI-D, 1x VGA, 2x USB on the front, 4x USB on the rear, 2x serial, 2x PS/2, audio; 1x 500 GB HDD, internal; 4 GB DDR3 SD-RAM (1x 4 GB), single channel; DVD +/-RW; Windows 7 Ultimate 64 bit SP1; 100/240 V industrial power supply, without line cable



Installation type/mounting	
Mounting	For horizontal rack mounting
Design	Rack PC, 19", 4U
Rack mounting	Yes
Supply voltage	
Type of supply voltage	AC
Line frequency	
<ul style="list-style-type: none"> Rated value 50 Hz 	Yes
<ul style="list-style-type: none"> Rated value 60 Hz 	Yes
Processor	
Processor type	Core i5-3000 series (4C/4T, 6 MB cache)
Drives	
Hard disk	500 GB
Memory	
Type of memory	DDR3-SDRAM
Main memory	4 GB (pre-installed)
Hardware configuration	

Slots	
• free slots	4x PCI, 1x PCIe (x1), 1x PCI (x8), 1x PCIe (x16)
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)
USB port	4x USB rear, 2x USB front
Connection for keyboard/mouse	2x PS/2
serial interface	2x COM (1x RS 232; 1x RS 232 / 422 / 485)
Video interfaces	
• Graphics interface	1x VGA; 1x DVI-D
Industrial Ethernet	
• Industrial Ethernet interface	2 x Ethernet (RJ45)
— 100 Mbps	Yes
— 1000 Mbps	Yes
Integrated Functions	
Monitoring functions	
• Status LEDs	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 - 1000 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; ±2 kV acc. to IEC 61000-4-5, surge
• 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
Degree and class of protection	
IP (at the front)	IP20
IP (rear)	IP20

Ambient conditions

Ambient temperature during operation

- Ambient temperature during operation +5 °C to +40 °C
- min. 5 °C
- max. 40 °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 Yes

pre-installed operating system

- Windows 7 Yes; Ultimate 64 bit

Software

SIMATIC Software Optionally in package with SIMATIC WinCC or WinCC flexible

Dimensions

Width 430 mm

Height 177 mm

Depth 463 mm

last modified: 05/18/2018