SIEMENS

NO LONGER AVAILABLE SIMATIC IPC347D (RACK PC, 19", 4U); CORE I5-3000 SERIES (4C/4T, 6 MB CACHE); INTERFACES: 2X GBIT ETHERNET, 1X DVI-D, 1X VGA, 2X USB FRONT, 4X USB BACK, 2X SERIAL, 2X PS/2, AUDIO; 1X 500 GBYTE HDD, INTERNAL; 4 GBYTE DDR3 SDRAM (1X 4 GBYTE), SINGLE CHANNEL; DVD+/-RW; WINDOWS 7 ULT. 64 BIT SP1; 100/240 V INDUSTRIAL POWER SUPPLY, W/O POWER CORD;

Installation type/mounting	
Mounting	For horizontal rack mounting
Design	Rack PC, 19", 4U
Rack mounting possible	Yes

Supply voltage	
Type of supply voltage	AC
Line frequency	
• Rated value 50 Hz	Yes
• 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

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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

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