

\*\*\*no longer available\*\*\* SIMATIC IPC547D (Rack PC, 19", 4HU);  
 Interfaces: 2x Gbit LAN (RJ45), 1x Display port, 1x DVI-I, 8x USB  
 back side, 2x USB on the front, 1x USB internal, 1x serial (COM 1),  
 2x PS/2, audio; 7 slots (long): 4x PCI, 1x PCIe X16, 1x PCIe X16 (4  
 LANES) 1x PCIe X8 (1 LANE); Mounting spaces: 6 (3x 5.25", 1x 3.5"  
 accessible from outside; 2x 3.5" internally accessible); Temperature  
 and fan monitoring; Watchdog; Card retainer

### Supply voltage

Type of supply voltage	100 - 240 V AC
Line frequency	
<ul style="list-style-type: none"> <li>Rated value 50 Hz</li> </ul>	Yes
<ul style="list-style-type: none"> <li>Rated value 60 Hz</li> </ul>	Yes

### Processor

Processor type	Core i7-2600 (4C/8T, 3.4 GHz, 8 MB LL Cache, TB 2.0, EM64T, VT-x/-d, iAMT); Core i5-2400 (4C/4T, 3.1 GHz, 6 MB LL Cache, TB 2.0, EM64T, VT-x/-d, iAMT); Pentium Dual Core G850 (2C/2T, 2.9 GHz, 3 MB LL Cache, EM64T, VT)
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### Drives

Hard disk	500 GB or 1 TB SATA HDD; RAID1/RAID5; 50 GB SATA SSD; installed internally on the shock and vibration-damped drive support plate or in swap frame in the front drive rack
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### Memory

Type of memory	DDR3-SDRAM
Main memory	1 GB to 16 GB
Capacity of main memory, max.	32 Gbyte

### Hardware configuration

Slots	
<ul style="list-style-type: none"> <li>free slots</li> </ul>	4x PCI, 1x PCIe x16, 1x PCIe x16 (4 lanes), 1x PCIe x8 (1 lane)

### Interfaces

Interfaces/bus type	2x Gbit Ethernet (RJ45), 1x DisplayPort, 1x DVI-I, 8x USB 2.0 at the rear, 2x USB 2.0 on front, 1x USB 2.0 internal, 2x COM (1x optional), 1x LPT (optional), 2x PS/2, audio (Line in, Line out, Micro)
USB port	8x USB 2.0 at the rear, 2x USB 2.0 on front, 1x USB 2.0 internal
Connection for keyboard/mouse	2x PS/2
serial interface	COM1: 1 x V.24 (RS232), COM2: 1 x V.24 (RS232C)
parallel interface	LPT1 (EPP/ECP)
Video interfaces	

<ul style="list-style-type: none"> <li>• Graphics interface</li> </ul>	1x DisplayPort and 1x DVI-I; 1x VGA via adapter cable (optional)
<b>Industrial Ethernet</b>	
<ul style="list-style-type: none"> <li>• Industrial Ethernet interface</li> </ul>	2 x Ethernet (RJ45)
<ul style="list-style-type: none"> <li>— 100 Mbps</li> </ul>	Yes
<ul style="list-style-type: none"> <li>— 1000 Mbps</li> </ul>	Yes
<b>Integrated Functions</b>	
<b>Monitoring functions</b>	
<ul style="list-style-type: none"> <li>• Temperature monitoring</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• Watchdog</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• Status LEDs</li> </ul>	POWER, HDD, TEMP, FAN; HDD Alarm LEDs behind the front flap
<b>Standards, approvals, certificates</b>	
CE mark	Yes
KC approval	Yes
<b>Ambient conditions</b>	
<b>Ambient temperature during operation</b>	
<ul style="list-style-type: none"> <li>• Ambient temperature during operation</li> </ul>	+5 °C to +40 °C in maximum configuration without loss of power (throttling)
<ul style="list-style-type: none"> <li>• min.</li> </ul>	5 °C
<ul style="list-style-type: none"> <li>• max.</li> </ul>	40 °C
<b>Relative humidity</b>	
<ul style="list-style-type: none"> <li>• Relative humidity</li> </ul>	Tested according to IEC 60068-2-78, IEC 60068-2-30: 5% to 80% at 25 °C (no condensation)
<b>Vibrations</b>	
<ul style="list-style-type: none"> <li>• Vibration resistance during operation acc. to IEC 60068-2-6</li> </ul>	Tested according to IEC 60068-2-6, 10 cycles; 20 to 58 Hz: 0.015 mm; 58 to 200 Hz: 2 m/s <sup>2</sup> (0.2 g)
<b>Shock testing</b>	
<ul style="list-style-type: none"> <li>• Shock load during operation</li> </ul>	Tested according to IEC 60068-2-27, IEC 60068-2-29; half-sine: 9.8 m/s <sup>2</sup> (1 g), 20 ms, 100 shocks per axis
<b>Operating systems</b>	
Operating system	Windows XP Professional, MUI, 32-bit; Windows 7 Ultimate, MUI, 32-bit / 64-bit; Windows Server 2008 Standard Edition incl. 5 clients, MUI, 32 bit; Windows Server 2008 R2 Standard Edition incl. 5 clients, MUI, 64-bit
pre-installed operating system	Yes
Additional info on operating system	Multi-Language User Interface (MUI): 5 languages (English, German, French, Spanish, Italian)
without operating system	Yes
<b>pre-installed operating system</b>	
<ul style="list-style-type: none"> <li>• Windows XP Professional</li> </ul>	Yes
<b>Software</b>	

SIMATIC Software

Optional in a package with SIMATIC WinCC, WinCC flexible, or WinAC RTX

Other

Warranty period

24 mo; Warranty period

**last modified:**

05/20/2018