

No longer available SIMATIC IPC847C (Rack PC, 19", 4HU);
 Interfaces: 2 x Gbit LAN (RJ45) 1x DVI-I; audio; 2x COM; 1x LPT; 2x PS/2;
 4x USB 2.0 on rear, 2x USB 2.0 on the front; Temp. and fan monitoring;
 Watchdog, card retainer Core i7-610E (2C/4T, 2.53 GHz, 4 MB cache, TB,
 VT-X, VT-D, EM64-T, AMT); Mainboard without fieldbus RAID1 500 GB (2x
 500 GB HDD SATA, in removable frame, hot swap; front-side 4 GB DDR3
 SD-RAM (2x 2 GB), Dual channel DVD +/- RW; Bus module, 8 slots:
 7xPCI, 1x PCIE X16; DVI-VGA adapter for onboard graphics Windows
 Server 2008 Standard Edition incl. 5 clients, 32 bit, MUI (de, en, fr, es, it),
 SP2 without software 110/230V industrial power supply unit with NAMUR,
 Power supply cable Europe

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 i7-610E (2.53 GHz 2C/4T, 4 MB Cache, TB, VT-x, VT-d, EM64T); Core i5-520E (2.4 GHz, 2C/4T, 3 MB Cache, TB, VT-x, VT-d, EM64T); Core i3-330E (2.13 GHz, 2C/4T, 3 MB Cache, VT-x, EM64T)
Drives	
Hard disk	250 GB or 500 GB SATA HDD, RAID1/RAID5 HDD, 32 GB SATA SSD, installed internally on the drive carrier, in the shock and vibration- damped drive rack, or on the front drive support in the swap frame
Memory	
Type of memory	DDR3-SDRAM
Main memory	1 GB to 8 GB, ECC optional
Capacity of main memory, max.	8 Gbyte
Hardware configuration	
Slots	
• free slots	7x PCI, 1x PCIe (x16) or 7 x PCI, 3x PCIe (x4), 1x PCIe (x16) all modules up to 312 mm in length are supported
Interfaces	
Interfaces/bus type	2x COM, 1x LPT, 1x DVI-I, 2x PS/2, audio (Microphone In, Line Out), 7x USB 2.0, 2x Gigabit Ethernet, PROFIBUS or PROFINET optional
USB port	2x USB 2.0 on front, 4x USB 2.0 on rear, 1x USB 2.0 internal
Connection for keyboard/mouse	2x PS/2
serial interface	COM1: 1 x V.24 (RS 232), COM2: 1 x V.24 (RS 232C)
parallel interface	LPT1 (EPP/ECP)
Multimedia	
• Audio In/Out	Yes
• Microphone In	Yes
Video interfaces	
• Graphics interface	1 x DVI-I or 1 x VGA (via adapter) optional
Industrial Ethernet	
• Industrial Ethernet interface	2x Ethernet (RJ45)
— 100 Mbps	Yes
— 1000 Mbps	Yes
Integrated Functions	
Monitoring functions	
• Temperature monitoring	Yes
• Watchdog	Yes
• Status LEDs	POWER; HARD DISK; ETHERNET 1; ETHERNET 2; PN I MPI/DP; WATCHDOG; TEMP; HDD1 ALARM; HDD2 ALARM; HDD3 ALARM
Ambient conditions	

Ambient temperature during operation	
• Ambient temperature during operation	+5 °C to +35 °C without restrictions, +5 °C to +45 °C no burner operation, +5 °C to +50 °C no ODD operation, power dissipation of the expansion modules in total less than 30 W
Relative humidity	
• Relative humidity	Tested according to IEC 60068-2-78, IEC 60068-2-30: 5% to 80% at 25 °C (no condensation)
Vibrations	
• Vibration resistance during operation acc. to IEC 60068-2-6	Tested according to IEC 60068-2-6: 10 cycles, 10 Hz to 58 Hz: 0.0375 mm, 58 Hz to 500 Hz: 4.9 m/s ² (0.5 g)
Shock testing	
• Shock load during operation	Tested according to IEC 60068-2-27, IEC 60068-2-29: half-sine: 50 m/s ² (5 g), 30 ms, 100 shocks per axis
Operating systems	
pre-installed operating system	Windows XP Professional, 32-bit, MUI; Windows 7 Ultimate, 32-bit, MUI; Windows Server 2008 Standard Edition incl. 5 Clients, 32-bit, MUI
Additional info on operating system	Multi-Language User Interface (MUI): 5 languages (English, German, French, Spanish, Italian)

last modified:

7/2/2020 