

\*\*\*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 i3-330E (2C/4T, 2.13 GHz, 3 MB cache, VT-X, EM64-T); mainboard without fieldbus 500 GB HDD SATA, 0.5 G vibration, 5 G shock, internal 4 GB DDR3 SD-RAM (2x 2 GB), Dual channel DVD-ROM; Bus module, 8 slots: 7xPCI, 1x PCIE X16; without hardware expansions WinXP Professional, 32 bit, MUI (D,E,F,S,I), SP3 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);<br>Core i5-520E (2.4 GHz, 2C/4T, 3 MB Cache, TB, VT-x, VT-d, EM64T);<br>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                                                                   |
| PROFIBUS/MPI                    | onboard, isolated, max. 12 Mbit/s, CP 5611-compatible                                                                                                                                                |
| 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;<br>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 <sup>2</sup> (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 <sup>2</sup> (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)                                                                                    |
| Software                                                      |                                                                                                                                                                                 |
| SIMATIC Software                                              | Optional in a package with SIMATIC WinCC, WinCC flexible, or WinAC RTX                                                                                                          |

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