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Data sheet 6AG4114-1KP22-1NB1

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 I5-520E (2C/4T, 2.4 GHz, 3 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 2003 R2 Standard Edition incl. 5 clients, 32 bit, MUI (de, en, fr, es, it), SP2 SIMATIC PC Image&Partition Creator V3.3 enclosed 110/230V industrial power supply unit with NAMUR, Power supply cable UK

General information	
Product type designation	IPC847C
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
Storage	
Type of memory	DDR3-SDRAM
Main memory	1 GB to 8 GB, ECC optional
Capacity of main memory, max.	8 Gbyte
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
serial interface	COM1: 1 x V.24 (RS 232), COM2: 1 x V.24 (RS 232C)
Video interfaces	
● Graphics interface	1 x DVI-I or 1 x VGA (via adapter) optional
Industrial Ethernet	
● Industrial Ethernet interface	
— 100 Mbps	Yes
— 1000 Mbps	Yes
Interrupts/diagnostics/status information	
LED status display	POWER; HARD DISK; ETHERNET 1; ETHERNET 2; PN I MPI/DP; WATCHDOG; TEMP; HDD1 ALARM; HDD2 ALARM; HDD3 ALARM
Integrated Functions	
Monitoring functions	
● Temperature monitoring	Yes
Ambient conditions	
Ambient temperature during operation	
● min.	5 °C
● max.	50 °C
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/s² (0.5 g)
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

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Approvals / Certificates

General Product Approval

Miscellaneous	Manufacturer Declaration		Manufacturer Declaration	China RoHS	

EMV	Dangerous goods		
	Dangerous goods information	Dangerous goods information	Test Summary Report UN 38.3

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