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Data sheet 6AG4114-3RR15-0WY0

SIMATIC IPC847E (rack PC), 3x Gbit Ethernet (IE/PN), 1x DVI-D, 2x DP, 1x COM1, audio, 6x USB3.1; Xeon E-2278GE (8C/16T); 11 slots (8x PCIe, 3x PCI); 960 GB SSD 2.5 SATA; enclosure with drive support type A (for rack units); 100/240 V AC industrial power supply unit; 128 GB DDR4 SDRAM(4x 32 GB); Industrial Edge (Simatic); TPM 2.0



General information	
Product type designation	IPC847E
Installation type/mounting	
Mounting	For horizontal and vertical installation; prepared for telescopic rails; 19" mounting bracket can be removed externally; tower kit (optional)
Design	Rack PC, 19", 4U
Supply voltage	
Type of supply voltage	100/240V AC (autorange) 50/60 Hz
Line frequency	
● Rated value 50 Hz	Yes
● Rated value 60 Hz	Yes
Mains buffering	
● Mains/voltage failure stored energy time	20 ms
Processor	
Processor type	Intel Xeon E-2278GE (8C/16T, 3.3 (4.7) GHz, 16 MB cache, Turbo Boost 2.0, VT-x/-d technology, iAMT)
Chipset	Intel C246
Graphic	
Graphics controller	Intel® UHD Graphics 630
Drives	
SSD	Yes; 960 GB, 2.5" SATA SSD
Slot for drives	installed on the front in removable drive bay trays in a Type A drive cage
Memory	
Main memory	128 GB DDR4 2666 SDRAM DIMM
Capacity of main memory, max.	128 Gbyte
Interfaces	
Interfaces/bus type	1x COM1, 1x COM2 (optional), 2x DisplayPort, 1x DVI-D, audio (microphone in, line in, line out), 9x USB, 3x Gigabit Ethernet
serial interface	COM1: 1x RS 232
Industrial Ethernet	
● Industrial Ethernet interface	
— 100 Mbps	Yes
— 1000 Mbps	Yes
Interrupts/diagnostics/status information	
LED status display	POWER, HDD, ETHERNET 1, ETHERNET 2, ETHERNET 3, WATCHDOG, TEMP, FAN, HDD3 ALARM, HDD2 ALARM, HDD1 ALARM, HDD0 ALARM
Integrated Functions	
Monitoring functions	
● Fan	Yes
● Monitoring function via network	Optional

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Degree and class of protection	
IP (at the front)	IP41
IP (rear)	IP20
Standards, approvals, certificates	
CE mark	Yes; For use in industrial areas as well as domestic, business and commercial environments (emitted interference: EN 61000-6-3:2007 +A1:2011, noise immunity: EN 61000-6-2:2005)
CSA approval	Yes; CAN/CSA-C22.2 No. 61010-2-201 Second Edition
UL approval	Yes; UL 61010-2-201 Second Edition, File E85972
cULus	Yes; UL 61010-2-201 Second Edition; CAN/CSA-C22.2 No. 61010-2-201 Second Edition
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes
Dust protection	With front door closed: G2 EN 779, 99% of particles > 0.5 mm are filtered
Ambient conditions	
Ambient temperature during operation	
● min.	0 °C; Max. 10 °C/h (no condensation)
● max.	50 °C
Ambient temperature during storage/transportation	
● min.	-20 °C; Max. 20 °C/h (no condensation)
● max.	60 °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	
without operating system	Yes
Dimensions	
Width	430 mm
Height	177 mm; 4U
Depth	444 mm

Classifications

	Version	Classification
eClass	14	19-20-01-02
eClass	12	19-20-01-02
eClass	9.1	19-20-01-02
eClass	9	19-20-01-02
eClass	8	19-20-01-02
eClass	7.1	19-20-01-02
eClass	6	19-20-01-02
ETIM	10	EC001413
ETIM	9	EC001413
ETIM	8	EC001413
ETIM	7	EC001413

Approvals / Certificates

General Product Approval		EMV
Manufacturer Declaration	KC	KC

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