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Data sheet 6ES7647-8A...-....

No longer available SIMATIC IPC227D (Nanobox PC) 1x DVI-I graphics card connection; 2x 10/100/1000 Mbps Ethernet RJ45; 4xUSB V2.0 (high current); CompactFlash slot; 24 V DC industrial power s.



General information	
Product type designation	IPC227D
Installation type/mounting	
Design	Box PC, built-in unit
Supply voltage	
Type of supply voltage	24 V DC
Mains buffering	
● Mains/voltage failure stored energy time	20 ms
Processor	
Processor type	Intel Atom E6x0
Drives	
Hard disk	CF or SSD or HD
SSD	Yes; ≥ 240 GB optional
Storage	
Main memory	512 MB to 2 GB
Capacity of main memory, max.	2 Gbyte
Data areas and their retentivity	
Retentive data area (incl. timers, counters, flags), max.	512 kbyte
Hardware configuration	
Slots	
● Number of compact flash slots	1; CompactFlash
Interfaces	
USB port	4x USB 2.0 high speed/high current
serial interface	COM1: 1x RS 232 or RS 485 or CAN
Video interfaces	
● Graphics interface	DVI-D
Industrial Ethernet	
● Industrial Ethernet interface	2x Fast Ethernet
— 100 Mbps	Yes
— 1000 Mbps	Yes
Interrupts/diagnostics/status information	
LED status display	Yes
Integrated Functions	
Monitoring functions	
● Temperature monitoring	Yes
● Watchdog	Yes
● Fan	No
Degree and class of protection	

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IP (at the front)	IP20
Standards, approvals, certificates	
CE mark	Yes
cULus	Yes
KC approval	Yes
Dust protection	Protection against foreign bodies > 1 mm
Marine approval	
● Germanischer Lloyd (GL)	Yes
● American Bureau of Shipping (ABS)	Yes
● Bureau Veritas (BV)	Yes
● Det Norske Veritas (DNV)	Yes
● Lloyds Register of Shipping (LRS)	Yes
Ambient conditions	
Ambient temperature during operation	
● min.	0 °C
● max.	50 °C
Operating systems	
pre-installed operating system	Windows 7 Ultimate (Multi-Language) 32-bit / 64-bit
without operating system	Yes
pre-installed operating system	
● Windows XP Professional	Yes
● Windows 7	Yes

Classifications

	Version	Classification
eClass	16	19-20-01-02
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
IDEA	4	6606
UNSPSC	15	43-21-15-06

Approvals / Certificates

General Product Approval

Miscellaneous | Manufacturer Declaration | Declaration of Conformity

General Product Approval | **Maritime application**

China RoHS

Maritime application | **Dangerous goods**

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CCS (China Classification Society) KR (Korean Register of Shipping) Dangerous goods information Test Summary Report UN 38.3

Dangerous goods

Dangerous goods information Test Summary Report UN 38.3

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