SIEMENS

Data sheet 6AV7883-7AG20-6BA0

	**** no longer available **** SIMATIC HMI IPC 477C pro optional bundle with WinCC flexible 2008/WinAC, 19" Touch Display; fully protected IP65, 4 USB (back) Standard front Core 2 Duo 1.2 GHz, PROFINET (IE); 2x 1 Gbit 2 GB -RAM, DDR3; 2nd CF slot not equipped 50 GB solid-state drive SATA (high endurance) Windows Embedded Standard 2009 pre-installed without SIMATIC software
Supply voltage	
Type of supply voltage	24 V DC
Processor	
Processor type	Intel Celeron M 1.2 GHz, Intel Core2Solo 1.2 GHz or Intel Core2Duo 1.2 GHz
Drives	
Optical drives	possible as external drive via USB
Storage	
Type of memory	DDR3-SDRAM
Main memory	512 MB
Capacity of main memory, max.	4 096 Mbyte; At least 3.2 GB can be used
Hardware configuration	
Slots	
● Number of PCI slots	0
● Number of compact flash slots	1
Interfaces	
serial interface	COM1: 1x V.24 (RS 232)
Video interfaces	
● Graphics interface	DVI-I usable for additional display unit (VGA via adapter); color depth 32 bit, 8 to 128 MB Shared Memory
Industrial Ethernet	
● Industrial Ethernet interface	
— 100 Mbps	Yes
— 1000 Mbps	Yes
Protocols	
Protocols (Ethernet)	
● TCP/IP	Yes
Interrupts/diagnostics/status information	
LED status display	No
Integrated Functions	
Monitoring functions	
● Temperature monitoring	Yes
Degree and class of protection	
IP (at the front)	IP65 (on front) to EN60529 and NEMA4
Standards, approvals, certificates	
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
● Polski Rejestr Statkow (PRS)	Yes
Ambient conditions	
Ambient temperature during operation	
● min.	0 °C
● max.	45 °C
Vibrations	
● Vibration resistance during operation acc. to IEC 60068-	tested to DIN IEC 60068-2-6: 10 Hz to 58 Hz: 0.075 mm, 58 Hz to 200 Hz: 9.8

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2-6	m/s² (1 g)
Operating systems	
pre-installed operating system	Windows XP Prof. (Multi-Language), Windows XP embedded or optionally without operating system
pre-installed operating system	
● Windows XP Professional	Yes

Approvals / Certificates

General Product Approval

Miscellaneous









China RoHS

General Product Approval	EMV	Dangerous goods		
			Dangerous goods information	Test Summary Report UN 38.3	Dangerous goods information

Dangerous goods

Test Summary Report UN 38.3

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