SIEMENS

Data sheet 6AV7883-7AA20-6GA0

	**** 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 Celeron M 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 7 Ultimate MUI pre-installed on SSD 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

Classifications

	Version	Classification
eClass	16	19-20-01-03
eClass	14	19-20-01-03
eClass	12	19-20-01-03
eClass	9.1	19-20-01-03
eClass	9	19-20-01-03
eClass	8	27-24-23-01
eClass	7.1	27-24-23-01
eClass	6	27-24-23-01
ETIM	10	EC001414
ETIM	9	EC001414
ETIM	8	EC001414
ETIM	7	EC001414

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

last modified: 6/11/2026

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