SIEMENS

Product data sheet

6AV7885-5AK10-1DA2

SIMATIC HMI IPC 577C PCI-SLOT, 4 USB (BACK) + 1 USB (FRONT), ETHERNET (10/100/1000), 19" TOUCH DISPLAY;

Operator control and monitoring	
Accessory components	Touch protective foil
Display	
Size	19" TFT
Resolution (pixels)	
Resolution (WxH in pixel)	1280 x 1024
General features	
Front panel	19" TFT Touch
Backlighting	
MTBF backlighting (at 25 °C)	about 50,000 hours
Control elements	
Function keys	No
Mouse, at front	No
Keyboard fonts	
Alphanumeric keyboard	No
Touch operation	
Design as touch screen	Yes
Touch screen (analog/resistive)	Yes
Installation type/mounting	
central design	Yes
Distributed design	No
Supply voltage	
Supply voltage	110/230 V AC or 24 V DC
Power losses	
Power loss in full configuration	24 V DC: Max. 80 W (incl. USB interfaces)
Processor	
Processor	Intel Celeron M 1.2 GHz, Intel Core2Solo 1.2 GHz, Intel Core2Duo 1.86 GHz
Memory	
Main memory	512 Mbyte

Data areas and their retentivity retentive data area in total (incl. times, counters, flags), max. 2048 kbyte ; 128 KB can be stored in the buffer time Drives Diskette drive External diskette drive can be connected via USB Optical drives Optical drives Optical drives, can be operated from otde Interfaces PROFIBUSMPI 1 x CP5611-comptable Interfaces 1 x con from, 4x on reverse, USB 2.0 (3x 500mÅ) Free slots 1 x CP card old, externally accessible. 1 x PCI slot in device interior. Number of slots /comptiant with PCI 1 Number of conpact flash slots 1 Connection for keyboard/mouse USB / USB serial interface 0 Video interfaces 0 Industrial Ethernet 1 Industrial Ethernet interface PROFIBUS version, orbicard 2 x: PROFINET version, onboard 1 x: 1 1000 Mbit Yes N	Capacity of main memory, maximum	4096 Mbyte ; At least 3.2 GB can be used
retentive data area in total (incl. times, counters, flags), max. 2048 kbyte ; 128 KB can be stored in the buffer time Drives Diskette drive Optical drives Optical drives Optical drives Optical drives PROFIBUS/MPI 1 X CP5611-comptable 2 X SPCFIBUS Vectore 2 X S	Data areas and their retentivity	
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Optical drives Optional: DVDsRaRW combilitive; on rear, can be operated from side Interfaces IX CPG811-comptable PROFIBUS/MPI 1 X CPG811-comptable USB port 1 x or font, 4x on reverse, USB 2.0 (3x 500mA) Free slots 1 x CF card slot, externally accessible. 1 x PCI slot in device interior. 1 x SSD slot Number of slots /compliant with PCI 1 Number of compact flash slots 1 Connection for keyboard/mouse USB / USB serial interface COM1: 1 x V.24 (RS232) parallel interface 0 Video interfaces DVH: VGA / DVI combined Industrial Ethernet interface PROFIBUS version, onboard 2 x: PROFINET version, onboard 1 x: 10/100/1000 Mbit/s, RJ45, no plug-in card necessary. Industrial Ethernet interface PROFIBUS version, onboard 2 x: PROFINET version, onboard 1 x: 10/100/1000 Mbit/s, RJ45, no plug-in card necessary. Industrial Ethernet interface Yes Monitoring functions Yes Temperature Yes Monitoring functions Yes Status LEDs No Degree and class of protection PR05 (at front) IPG5 (at front) IP65 (at front) <th>Drives</th> <th></th>	Drives	
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EMC CE, EN 61000-6-4; CISPR 22:2004 Class A; FCC Class A GL No ABS No	Approval	CE, cULus (508)
GL No ABS No	CE	Yes
ABS No	EMC	CE, EN 61000-6-4; CISPR 22:2004 Class A; FCC Class A
	GL	No
BV No	ABS	No
	BV	No

DNV	No
LRS	No
EN 61000-6-2	Yes
Ambient conditions	
maximum permissible installation angle +/-	45°
Operating temperature	
Ambient temperature in operation	In maximum configuration: +0 °C to +45 °C or +0 °C to +50 °C in installation space, if max. 40 °C at front
during operating phase / min.	O°C
during operating phase / max.	50 °C
Relative humidity	
Relative humidity	Tested according to IEC 60068-2-78, IEC 60068-2-30: Operation: 5% to 85% at 30 °C (no condensation) Storage: 5% to 95% at 25 °C (no condensation)
Vibrations	
Vibration load in operation	Tested according to DIN IEC 68-2-6: 10 - 58 Hz: 0.075 mm, 58 to 200 Hz: 9.8 m/s ² (0.5 g)
Shock testing	
Shock loading in operation	Tested according to DIN IEC 60068-2-7: 50 m/s ² (5 g), 30 ms
Operating systems	
Operating system	Windows XP Embedded and Win XP Prof.
Additional info on operating system	WIN XPe: GER/ENG WIN XP Prof: MUI Language: GER, ENG, IT, FR, SP, KOR, CHN (traditional), CHN (simplified), JPN
Pre-installed operating system	Yes
Windows XP Prof.	Yes ; Only with SSD or HDD
without	Yes
Cables	
Warranty	24 months liability for defects
Dimensions	
additional mounting depth (optical drive)	23 mm
Weights	
Panel PC in central design, approx.	11.6 kg
Status	Sep 2, 2013