SIEMENS

## Data sheet 6AV7883-7AG23-3BE0

| | |
|---|---|
| | **** 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 with 4 GB CF card: 4 GB Windows Embedded Standard 2009 pre-installed WinCC flexible RT 2048 PT (incl. archives and recipes) |
| **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 |


Subject to change without notice
© Copyright Siemens

| | |
|---|---|
| 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

**last modified:** 12/6/2025


Subject to change without notice
© Copyright Siemens