



VIPA System 400V Compact IPC 486 for S7-400 from Siemens

VIPA
Gesellschaft für Visualisierung
und Prozessautomatisierung mbH

Ohmstr. 4
91074 Herzogenaurach
Germany
Tel.: +49-9132-744-0
Fax: +49-9132-744-144
www.vipa.de
info@vipa.de

Compact IPC 486

The IPC 486 provides the performance of a 486DX2 processor with 133MHz and 32MB main memory (expandable up to 128MB) as well as an internal slot for COM modules from Hilscher for the flexible connection to all common fieldbus systems in compact design. The IPC is deployable in the two operating modes CPU mode and CP mode.

In CPU mode, the IPC 486 may be build up to a complex system control using the I/Os, function or communication modules.

In the CP mode, the IPC 486 works as CP together with S7-400-CPU's from Siemens. The Hilscher COM modules enable the automatic activation of the fieldbus and diagnosis jack and the LEDs. For the periphery and CPU communication, an ANSI-C library is included in consignment.



Features / Properties

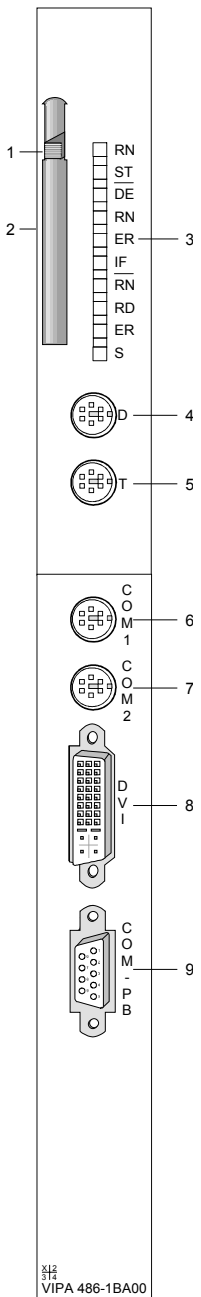
The compact IPC 486 is distinguished by the following properties:

- 32MB DRAM/8MB FLASH ROM
- CompactFlash slot
- 2 RS232 interfaces
- MiniDIN jack for keyboard
- DVI connection for analog monitors and digital displays up to max. 1280x1024 Pixel
- Integrated Watchdog-Timer

IPC 486 in CP-Mode:

- Compatibel to S7-400 from Siemens
- Project engineering with STEP7 from Siemens
- Standard page frame interface

Front view:



- [1] Eject button for Compact Flash®
- [2] Slot for Compact Flash
- [3] LEDs for status monitor
- [4] RS232 diagnosis Interface for COM module
- [5] Keyboard
- [6] COM 1 (RS232)
- [7] COM 2 (RS232)
- [8] DVI interface
- [9] Jack for the optional COM module

Technical Data	IPC 486
<p>IPC 486 CPU DRAM/Flash ROM Storage media Operating system Watchdog Fieldbus functionality</p>	<p>486DX2/133MHz 32MByte/8MByte DiskOnChip; CompactFlash II pluggable DOS, Win, RTOS Integrated, triggerable via register Via COM module from Hilscher (pluggable) Profibus-DP, -FMS, Interbus, CANopen, DeviceNet, SDS, ContolNet, AS-Interface, Modbus Plus, 3964R, RK512, Modbus, Modnet</p>
<p>Interfaces VIDEO connection Diagnosis COM 1/COM 2 Keyboard Fieldbus connection for COM module LEDs Optional</p>	<p>DVI analog/digital MiniDIN for COM module RS232 RS232 MiniDIN MiniDIN 9pin D-type jack</p> <p>Status monitor at the front side IPC 486DPM: Profibus-DP master (RS485) OP400: COM slave Profibus-DP OP410: COM master Profibus-DP, -FMS</p>
<p>Electrical Data Supply voltage Current consumption Dissipation power</p>	<p>DC 5V via backplane bus max. 1.3A typ. 6.5W</p>
<p>Operating conditions Environment temperature Storage temperature Relative humidity Protection class</p>	<p>0°C...+60°C -25°C...+70°C 5...95% (avg. 55%) without condensation Fan-less operation IP 20</p>
<p>Dimensions & Weight Width x Height x Depth Weight</p>	<p>25x290x210 (mm) ca. 750g</p>
<p>Ordering data IPC 486 IPC 486DPM OP400 OP410</p>	<p>VIPA 486-1BA00 VIPA 486-1BM00 VIPA OP400 VIPA OP410</p>