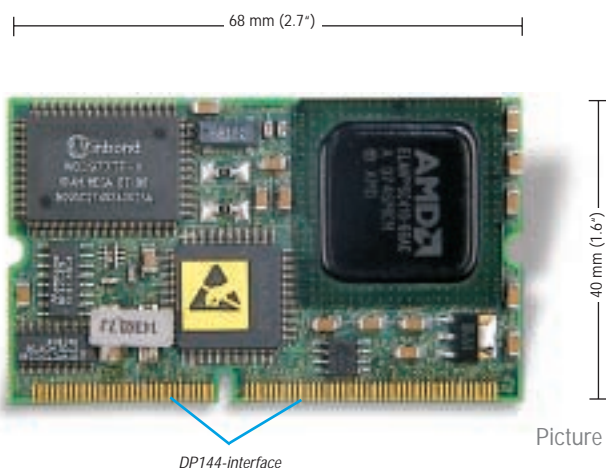


Technical Data

- CPU 486SX - 33 or 66 MHz
- Memory up to 16 MByte onboard
- 16 MByte IDE compatible flash disk
- Two serial ports
COM1 and COM2 with TTL signals
- Floppy interface
- IDE harddisk interface
- Real time clock
- One parallel port
LPT1 with EPP support
- Keyboard controller
- EEPROM for CMOS-SETUP
- 5V only power supply
- Programmable /CS output
- Dimensions:
68x40 mm (2.7x1.6")
- Temperature:
operation: 0° to 65°C
storage: -10° to 85°C
- Max. humidity:
operation: 10% to 90%
storage: 5% to 95%
(do not allow condensing)



The DIMM-PC/486-I integrates the complete functionality of an 80486 SX motherboard with CPU, System BIOS, 16 MByte DRAM, keyboard controller and real time clock. The DIMM-PC/486-I has a 16 MByte IDE compatible flash-harddisk onboard. Over the connector, integrated on the board, it offers additional peripheral functions like COM1, COM2, LPT1, floppy interface and IDE harddisk interface. The system runs with CPU clock speeds of 33 MHz or 66 MHz. The pinout of the DIMM-Bus connector corresponds to the pinout of the ISA bus connector. Therefore the two PC systems with different form factors are electrically compatible. Only

the Latchable addressbus LA(17..23) and the signals of DMA 1,3,4 and 8 are not connected to the DIMM-PC®-bus. IRQ 5, 9, 11, 15 and DMA-channels 5 and 7 are not available on the DIMM-PC/486-I. The 80486SX-solution is designed with a highly integrated CPU-chip from AMD. The DIMM-PC® modules are especially equipped for embedded applications with industrial BIOS extensions like setup-date in EEPROM as well as a remote control-function, allowing the operation with an external PC as terminal (software JRC-1).

Description

Ordering Information

Article	Part.-No.	Description
DIMM-PC/486-I	08007-1616-66-0	with 16 MByte DRAM and 16 MByte IDE compatible flash disk
DIMM-PC/486-I	08007-1600-66-0	with 16 MByte DRAM and 0 MByte IDE compatible flash disk
DIMM-PC/486-I	08007-0400-66-0	with 4 MByte DRAM and 0 MByte IDE compatible flash disk

Accessories

Article	Part.-No.	Description
DIMM-PC/KIT-2	08005-0000-00-3	Starter Kit for DIMM-PC® with PC/104 interface DIMM-PC/VGA1 and with cable for FDD/2.54 IDE/2.54 and manuals (without DIMM-PC®)
DIMM-PC/VGA1	08006-0000-00-0	VGA controller for CRT and LCD flatpanel
DIMM-PC/ETN1	08006-0000-01-0	Ethernetcontroller
DIMM-PC/COM1	08006-0000-02-0	Two serial interfaces
DIMM-PC/COMBO1	08006-0000-03-0	VGA, Ethernet and two serial interfaces
DIMM-PC/Socket-CPU	SPCDIMM	Socket for DIMM-PC®, 144 Pin (90 pcs. packed)
DIMM-PC/Socket-I/O	SIODIMM	Socket for DIMM-PC® I/O module 144 Pin (90 pcs. packed)
JRC1	96047-0000-00-0	Remote Control Software with serial cable (License charge once to pay!)