

DIMM-PC/386-B

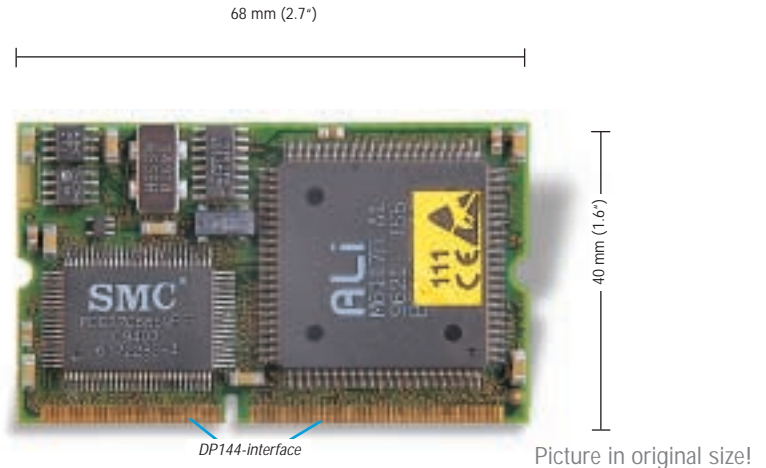
DIMM-PC/386-I

Motherboard with 80386SX CPU, 2 MByte-DRAM
keyboard controller, real time clock and 1,9 MByte BIOS compatible flash disk

Motherboard with 80386SX CPU, 4 MByte-DRAM
keyboard controller, real time clock and 8 MByte IDE flash disk

Technical Data

- Licensed DR-DOS already pre-installed!
- CPU 386SX
- Adjustable CPU Speed 10/33/40 MHz
- Memory, onboard 2/4 MByte
- **DIMM-PC/386-B:**
CPU 386SX - 10/33/40 MHz flash disk
with integrated flash filling system
2 MByte
- **DIMM-PC/386-I:**
CPU 386SX - 10/33 MHz
8 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)



Description

The DIMM-PC/386 integrates the complete functionality of an 80386SX motherboard with CPU, System-BIOS, 2 MByte to 4 MByte DRAM, keyboard-controller and real time clock. The DIMM-PC/386 is available in two versions -B and -I. The B-version has a silicon disk with flash file system integrated in the BIOS and can only be used with DOS. The I-version has 8 MByte IDE compatible flash-harddisk onboard. Over the connector, integrated on the board, the DIMM-PC/386 offers additional peripheral functions like COM1, COM2, LPT1, floppy interface and IDE hard disk interface. The system runs with a default CPU clock speed of 33 MHz. The pinout of the DIMM-PC® bus connector cor-

responds to the pinout of the ISA bus connector. Therefore the two PC systems with different form factors are electrically compatible. Only the Latchable address-bus LA(17..23) and the signals of DMA 1,3,4 and 8 are not connected to the DIMM-PC® bus. The 80386SX-solution is designed with a highly integrated CPU-chip from Acer Labs Inc. 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).

Ordering Information

Article	Part.-No.	Description
DIMM-PC/386-B	08003-0202-33-0	with 2 MByte DRAM and 1,9 MByte BIOS flash disk
DIMM-PC/386-I	08004-0408-33-0	with 4 MByte DRAM and 8 MByte integrated IDE flash disk

Accessories

Article	Part.-No.	Description
DIMM-PC/KIT2	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® CPU)
DIMM-PC/VGA1	08006-0000-00-0	VGA controller for CRT and LCD Flatpanels
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!)