➤ DIMM-PC/lite
DIMM-PC/lite-IE
DIMM-PC/lite-IU

original size

Intel®
Communications
Alliance
Associate Member
S I L V E R

➤ Full PC functionality at the size of a business card

- ➤ No active cooling required
- ➤ Comes along with all common PC interfaces
- ➤ Extreme compact size (40 x 68mm)

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➤ Product Overview

The DIMM-PC/lite-I is an extremely compact PC module to be plugged into customized base boards.
The new DIMM-PC/lite-I, based on STPC Elite 100 MHz, features 486 performance with an integrated floating point unit, 32 Mbyte DRAM and 32 MByte IDE compatible Flash. Due to the extremely low power design no active cooling is required. The integrated high functionality of a x86 CPU Module comes along with all common PC interfaces (2x serial TTL, Printer, Keyboard, Floppy) and the DIMM-PC/lite-IU with one USB 1.1 port to address modern expansion devices.

Ethernet and x86-CPU on just 68x40 mm is ideal for space limited applications. The DIMM-PC® is widely used where stable performance is required but space and power consumption is limited. If your task is Embedded Internet and Embedded Connectivity - the DIMM-PC® is your solution. The DIMM-PC/lite is a very inexpensive choice and the cost effectiveness of this device is unbeatable. This DIMM-PC® brings you

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➤ Technical Information

Processor
STPC ELITE 100MHz
SDRAM
32 Mbyte on board
IDE compatible Flash Disk
32 Mbyte on board
USB
optional 1x USB 1.1 port, OHCI
Ethernet
10 MBit Ethernet
IDE Hard Disk Interface
on external device
Serial Ports
2x TTL (16550 compatible)
Floppy Interface
single drive
Real Time Clock
integrated witch chipset
Keyboard Controller
integrated witch chipset

Other Features
E²PROM BIOS Setup, JRC support, I²C Bus, Keyboard Controller, RTC, Watchdog, JIDA Support, Floppy Interface, alphanumerical LCD Support, 1x Enhanced Printer Port
E²PROM
for CMOS Setup
Power Supply
5V
One Parallel Port
LPT1, EPP support
Power Consumption
3 Watt @ 5V (approximately)
Dimensions
68 x 40 mm (2,7 x 1,6")
Temperature
operation: 0° to 60°C, storage: -25° to 85°C
Humidity
operation: 10% to 90%, non operating: 5% to 95% (non condensing)
licensed DR-DOS already pre-installed

(*) see manual for details

➤ Ordering Information

Article	Part.-No.	Description
DIMM-PC/lite-I	08016-3232-10-0	with STPC Elite 100 MHz
DIMM-PC/lite-IE	08016-3232-10-1	with STPC Elite 100 MHz and 10 Mbit Ethernet
DIMM-PC/lite-IU	08016-3232-10-2	with STPC Elite 100 MHz and 1x USB 1.1 port
DIMM-PCKit3	08005-0000-03-5	Starter Kit for DIMM-PC® with PC/104 interface (without DIMM-PC®)
DIMM-PC/VGA2	08014-0000-00-0	VGA controller for CRT and LCD flatpanel
DIMM-PC/ETH+COM	08006-0000-04-0	Ethernet controller and two serial interfaces
DIMM-PC/COMBO	08014-0000-01-0	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 to be payed only once!)

➤ Corporate Offices

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