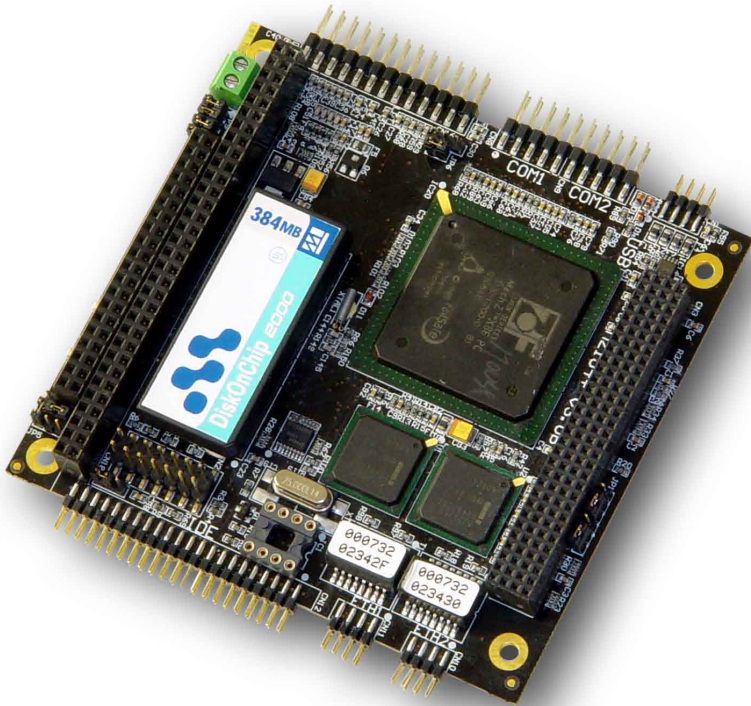


# MZ104+

PC/104+ Computer with Dual 10/100 Ethernet Ports



## specifications

### ZFx86, Embedded PC-on-a-Chip

- 32bit CPU core with 33, 66, 100 and 133\*MHz
- Fully Desktop AT compatible
- BIOS: Full Phoenix PC BIOS
- SDRAM support, 8 to 64MB SO-DIMM
- Floppy disk controller



### Fail-safe Boot ROM

- Total system recovery
- Recover easily from the corruption or loss of CPU boot data

### Dual Watchdog Timer

- Programmable tickle sources

### PC/104 Bus

- Compliant with standard PC/104 expansion bus with an IRQ and DMA channel subset

### Serial Ports

- Two 16550-compatible serial ports, RS232

### Parallel Ports

- One bi-directional AT-compatible printer port

### USB Port

- One USB root hub interface

### PC/104+ Bus

- Compliant with standard PC/104+ expansion bus

### USB Port

- Two fully independent USB interfaces

### EIDE Hard Drive Interface

- 44 pin standard pin header
- Supports up to two EIDE drives (master/slave)

### Solid State Flash Memory Device

- Supports M-Systems DiskOnChip Millennium and DiskOnChip 2000 - 8MB to 1GB

### Ethernet Controller

- 2x 10/100BaseT (twisted-pair)
- IEEE and Ethernet standards
- LINK LED verification
- Supports Microsoft's Plug and Play System
- Driver support includes popular OS including Novell Netware and Microsoft Windows 95

### Software Compatibility

- Phoenix embedded PC BIOS - 100% X86 compatible
- MSDOS 3.X, 4.X, 5.X, 6.X, DRDOS, Win95/98/NT, Linux, most PC compatible RTOSes (Wind River VxWorks RTOS with browser)

### Electrical Specifications

- Single 5V DC Operation

### Mechanical / Environmental

- Size: 3.55" x 3.775" x 0.9"
- Operating temperature: 133MHz @ -20°C to 70°C
- 33MHz, 66MHz, 100MHz @ -40°C to 85°C

## features

- Dual Intel 82559ER 10/100 Base T Ethernet PC/104+ interface
- Dual RS-232 serial, dual EIDE and floppy support, USB, parallel port
- DiskOnChip socket
- Dual watchdog timers, Phoenix BIOS and FailSafe Boot ROM

## Ordering Information



this product is manufactured by:



## Part Number

MZ104+

## Description

PC/104+ Computer with dual Ethernet

## Options

MZ104+Kit

MZ104+Starter Kit

Cableset2-MZ104+

Cabling solution

MEM-8MB-MZ

8MB SDRAM-SO-DIMM for MZ104-series

MEM-16MB-MZ

16MB SDRAM-SO-DIMM for MZ104-series

MEM-32MB-MZ

32MB SDRAM-SO-DIMM for MZ104-series

MEM-64MB-MZ

64MB SDRAM-SO-DIMM for MZ104-series

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