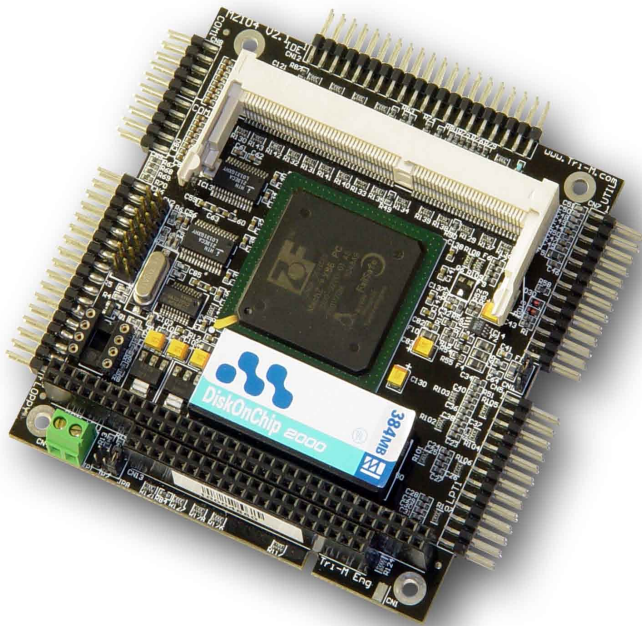


MZ104

100Mhz PC/104 Module



features

- Dual watchdog timers, Phoenix BIOS and FAILSAFE Boot ROM
- Dual RS-232 serial, dual EIDE and floppy support, USB, parallel port
- DiskOnChip socket
- Low power / low cost 100% x86

specifications

- ZF86, Embedded PC-on-a-Chip**
 - 32bit CPU core with 33, 66, 100 and 133*MHz operation
 - Fully Desktop AT compatible
 - BIOS: Full Phoenix PC BIOS
 - SDRAM support, 8 to 64MB SO-DIMM
- 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
- Drive Interfaces**
 - Supports up to two EIDE drives (master/slave)
 - Floppy Disk Controller
- Solid State Flash Memory Device**
 - Supports M-Systems DiskOnChip Millennium and DiskOnChip 2000 - 8MB to 1GB
- Software Compatibility**
 - Phoenix embedded PC BIOS - 100% x86 compatible, DOS, MSDOS, DRDOS, LINUX, VxWorks, and most other PC compatible RTOS
 - Windows™ 9x, and Windows NT™
- 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, 100C @ -40°C to 85°C (Estimated)

Ordering Information



this product is manufactured by:



Part Number	Description
MZ104-1MB	PC/104 Computer with 1MB BIOS Flash
MZ104-4MB	PC/104 Computer with 4MB BIOS Flash
Options	
MZ104 KIT	MZ104 Starter Kit
Cableset2-MZ104	Cabling solution
CABLESET1-MZ104	Cables only solution - dual serial, parallel, dual floppy, dual IDE, Utility with Keyboard
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

