

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
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- ITAR-certified secure asset solutions

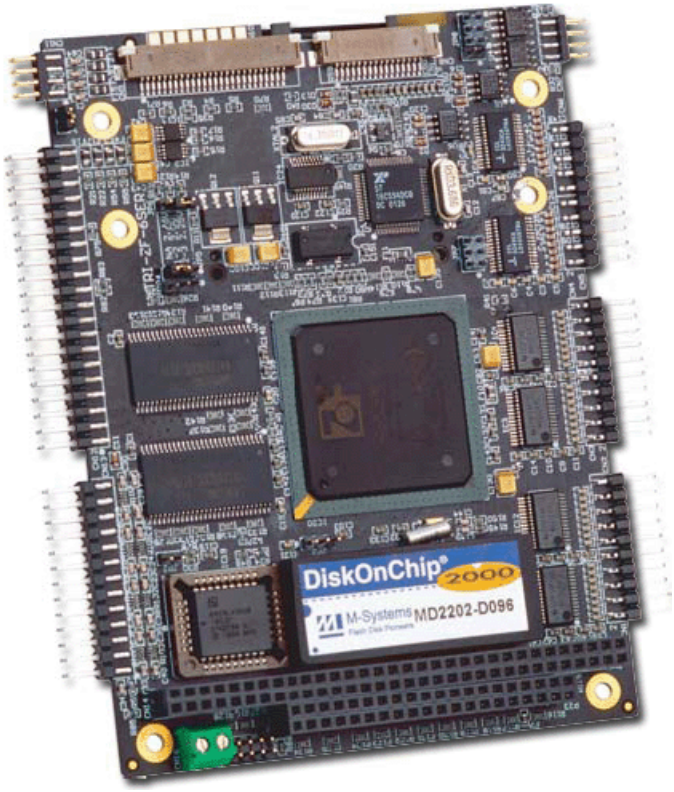
Expert team | Trust guarantee | 100% satisfaction

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MZ-6SER

PC104 bus compatible 586 SBC with six serial ports



features

- Six 16550-compatible serial ports; six RS-232 with two convertible to RS-485
- Dual EIDE, floppy support, dual USB, parallel port
- DiskOnChip and CompactFlash sockets
- 32MB SDRAM soldered in place
- Dual watchdog timers, Phoenix BIOS and FailSafe Boot ROM

specifications

ZFx86, Embedded PC-on-a-Chip
· 32bit CPU core with 33, 66, 100 and 133*MHz operation
· Fully Desktop AT compatible
· Phoenix embedded PC BIOS
· 32MB SDRAM Soldered in place

Dual Watchdog Timer
· Programmable tickle sources

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

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Serial Ports
· Six 16550-compatible serial ports; four RS-232 and two RS-232 / RS 485 configurable

Parallel Ports
· One bi-directional AT-compatible printer port

USB Port
· Two USB root hub interface

USB Port
· Two fully independent USB interfaces

Drive Interface
· Floppy Disk Controller
· Supports up to two EIDE drives (master/slave)

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 RTOSs
· Windows™ 9x, and Windows NT™

Electrical Specifications
· Single 5VDC Operation

Mechanical / Environmental
· Size: 3.55" x 3.775" x 0.9"
· 33MHz, 66MHz, 100C @ -40°C to 85°C (Estimated)

Ordering Information

Part Number	Description
MZ-6SER	PC/104 bus compatible 586 SBC with six serial ports

this product is manufactured by:

TRI-M ENGINEERING

Tel: 604.945.9565 ~ Fax: 604.945.9566 ~ www.tri-m.com
1407 Kebet Way, Unit 100 ~ Port Coquitlam ~ BC ~ V3C 6L3~ Canada

TRI-M SYSTEMS

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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We're here to make your life easier. How can we help you today?

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