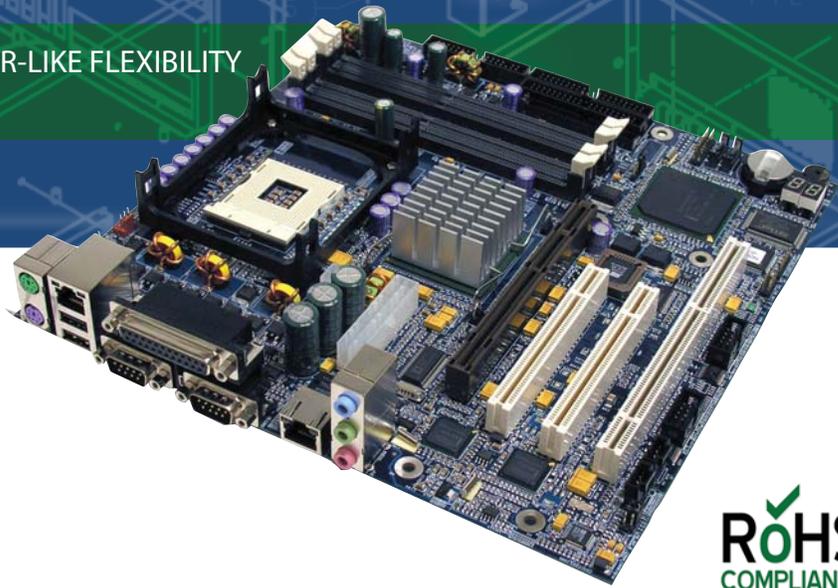# MTXP-875P
LONG-LIFE ATX MOTHERBOARD FEATURING PCI-X

WORKSTATION PERFORMANCE WITH SERVER-LIKE FLEXIBILITY

SYSTEMS ENGINEERED TO PERFORM™

PRODUCT HIGHLIGHTS

- Intel® Pentium® 4 processor with Hyper-Threading
- Intel® 875 chipset
- 800MHz Front Side Bus
- Up to 4GB of Dual Channel DDR 400/333/266
- 64-bit PCI-X
- Serial ATA (150MB/z)
- AGP Pro 4x/8x
- Five (5) To Eight (8) Year Guaranteed Production

RoHS COMPLIANCE

The MTXP-875P ™

industrial motherboard was designed to provide the ultimate in processor power and cutting edge industrial features in a MicroATX (9.6"x9.6") form factor. It is based on the Intel® Pentium® 4 processor with Hyper-Threading Technology and the Intel® 875P chipset.

APPLICATIONS

- Medical
- Factory Automation
- Industrial PCs
- Semiconductor Equipment
- Imaging Products
- Security and Surveillance
- Robotics
- Test and Measurement
- Networking

The MTXP-875P features blazing fast 400/533/800MHz Front Side Bus, Serial ATA (150MB/s), USB2.0, 10/100 and Gigabit Ethernet options, 64-bit PCI-X and AGP Pro 4x/8x.

Standard features include: four (4) DIMM sockets that support 4GB of dual channel DDR 400/333/266, two (2) PCI slots, RS232 serial, AC'97 sound, and POST display diagnostics.

This design continues Chassis Plans' commitment to providing customers with a "perfect fit" for high-end industrial applications. This new design delivers maximum processing power and expand - ability for applications such as: Robotics, Industrial Automation, Graphics and Imaging, Manufacturing, Security Systems, and Medical Devices.

OUR COMMITMENT TO QUALITY

All Chassis Plans Long Life products are designed and manufactured in an ISO 9001:2000 environment and backed by a five (5) to eight (8) year production life cycle guarantee.

CONFIGURED SYSTEMS

Chassis Plans is a recognized leader in turn-key integrated industrial computing solutions. Systems are built exactly to each customer's unique application and environmental requirements. Our broad product line of COTS industrial chassis and unsurpassed custom design capabilities allows us to provide the ideal enclosure. Long Life Products and strict revision control on all components means you get the same system with every order. Chassis Plans Systems are Engineered to Perform.

CHASSIS PLANS

The Original Industrial Computer Source®

TECHNICAL SPECIFICATIONS

Form Factor	MicroATX (9.6" x 9.6")
Microprocessor	Intel® Pentium® 4 processor with Hyper-Threading Technology
Chipset	Intel® 875P
Front Side Bus	400/533/800MHz
System Bus	One (1) 64-bit PCI-X slot Two (2) 32-bit PCI slots
On board I/O	Two (2) Serial ATA connectors (150MB/s) Two (2) 40-pin PATA100 EIDE connectors One (1) 44-pin PATA100 EIDE connectors (sharing secondary IDE) Four (4) USB 2.0 ports (USB 1.1 compatible) Two (2) RS232 ports standard. Optional additional two (2) RS232 ports (factory configurable to RS422) One (1) parallel port PS/2 mouse and keyboard connectors and header Floppy controller
Video Graphics	AGP Pro 4x/8x slot
Memory	Four (4) DIMM sockets support up to 4GB of dual channel DDR 400/333/266 SDRAM
Ethernet	10/100 and Gigabit ethernet options
Sound	AC'97 compatible sound controller
Industrial Devices	POST Code Diagnostics Hardware Monitor
BIOS	AMI®
Battery	Removable lithium battery for CMOS memory
Power Connector	ATX12V power supply

Environmental Specifications

CATEGORY	OPERATING	NON-OPERATING
Temperature	0°C to 55°C	-40°C to 65°C
Humidity	5% to 95% @ 40°C non-condensing	5% to 95% @ 40°C non-condensing

PRODUCT HIGHLIGHTS

- Intel® Pentium® 4 processor with Hyper-Threading
- Intel® 875P chipset
- 800MHz Front Side Bus
- Gigabit Ethernet options
- Up to 4GB of Dual Channel DDR 400/333/266
- 64-bit PCI-X
- Serial ATA (150MB/z)
- AGP Pro 4x/8x
- Five (5) To Eight (8) Year Guaranteed Production

CHASSIS PLANS

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