

Phoenix™ MicroATX

LONG-LIFE ATX MOTHERBOARD FEATURING PCI-X

WORKSTATION PERFORMANCE WITH
SERVER-LIKE FLEXIBILITY



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
- Seven (7) to Ten (10) Year Guaranteed Production

The Phoenix™ MicroATX

is a long-life industrial motherboard based on the Intel® Pentium® 4 processor with Hyper-Threading Technology, and the Intel 875P chipset. The Phoenix™ MicroATX offers cutting edge features such as 400/533/800MHz Front Side Bus, Serial ATA, 64-bit PCI-X connectivity, USB2.0, Dual Ethernet (Gigabit Ethernet options), and AGP Pro 4x/8x.

APPLICATIONS

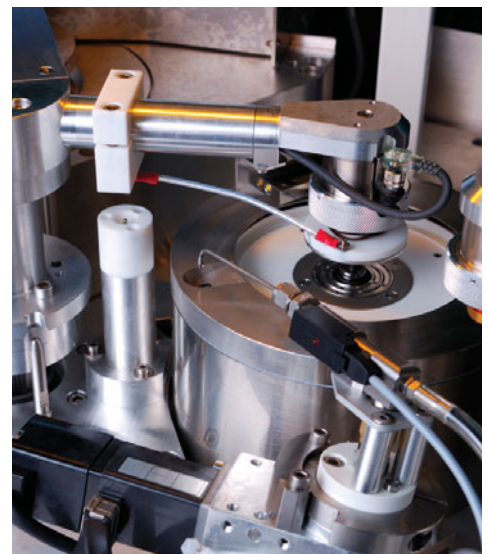
- Medical
- Factory Automation
- Industrial PCs
- Semiconductor Equipment
- Imaging Products
- Security and Surveillance
- Robotics
- Test and Measurement
- Networking

Standard features include: four (4) DIMM sockets that support 4GB of DDR 266/333/400, two (2) PCI slots, four (4) RS232C serial ports, AC'97 sound and POST display diagnostics.

This design delivers maximum processing power and expandability for applications such as: Robotics, Industrial Automation, Graphics and Imaging, Manufacturing, Security Systems, and Medical Devices.

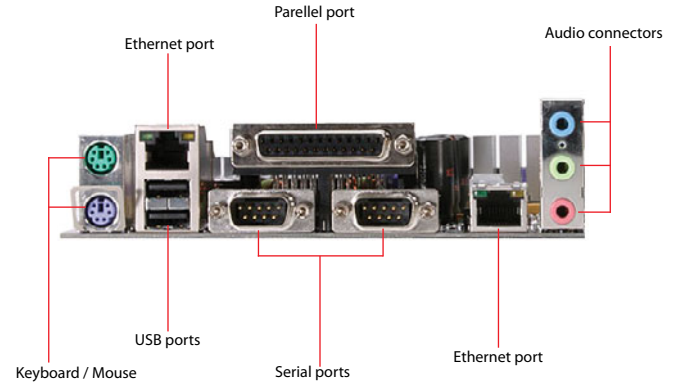
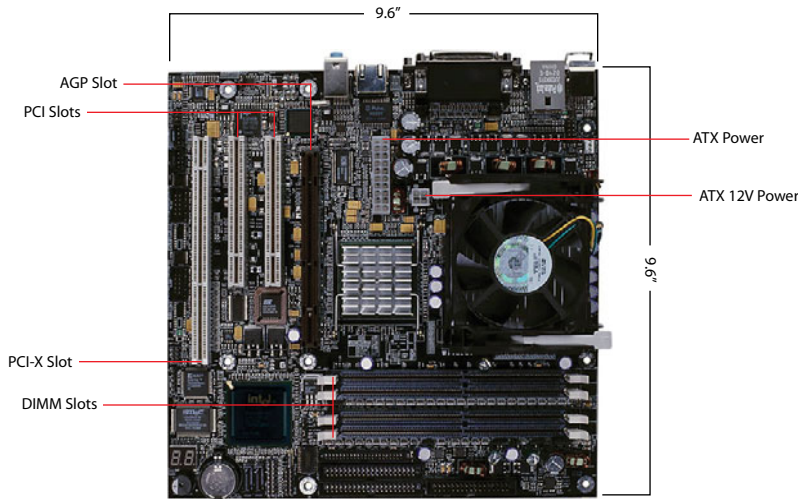
OUR COMMITMENT TO QUALITY

All Corvalent products are designed and manufactured in an ISO 9001:2008 environment and backed by a seven (7) to ten (10) year production life cycle guarantee.



Phoenix™ MicroATX

LONG-LIFE MICROATX MOTHERBOARD FEATURING PCI-X



TECHNICAL SPECIFICATIONS

| | |
|-----------------------|---|
| Form Factor | MicroATX |
| Dimensions | 9.6" x 9.6" |
| Microprocessor | Intel® Pentium® 4 processor with Hyper-Threading Technology |
| Chipset | Intel® 875P |
| Front Side Bus | 400/533/800MHz |
| Memory | Four (4) DIMM sockets support up to 4GB of dual channel DDR 400/333/266 SDRAM |
| System Bus | One (1) 64-bit PCI-X slot Two (2) 32-bit PCI slots |
| Onboard 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) Four (4) 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 ATX12V power supply |

| | |
|---------------------------|---|
| Video Graphics | AGP Pro 4x/8x slot |
| Ethernet | Two (2) Ethernet Ports One (1) 10/100 One (1) 10/100/1000 |
| Audio | AC'97 compatible sound controller |
| Industrial Devices | Hardware monitoring POST display for diagnostics |
| BIOS | AMI® |
| Battery | Removable lithium battery for CMOS memory |
| Operating Temp | 0°C to 55°C |
| Non-Operating | -40°C to 65°C |
| Op. Humidity | 5 to 95% @ 40°C non-condensing |
| Non-Operating | 5 to 95% @ 40°C non-condensing |
| Part Number | P4CMX |



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