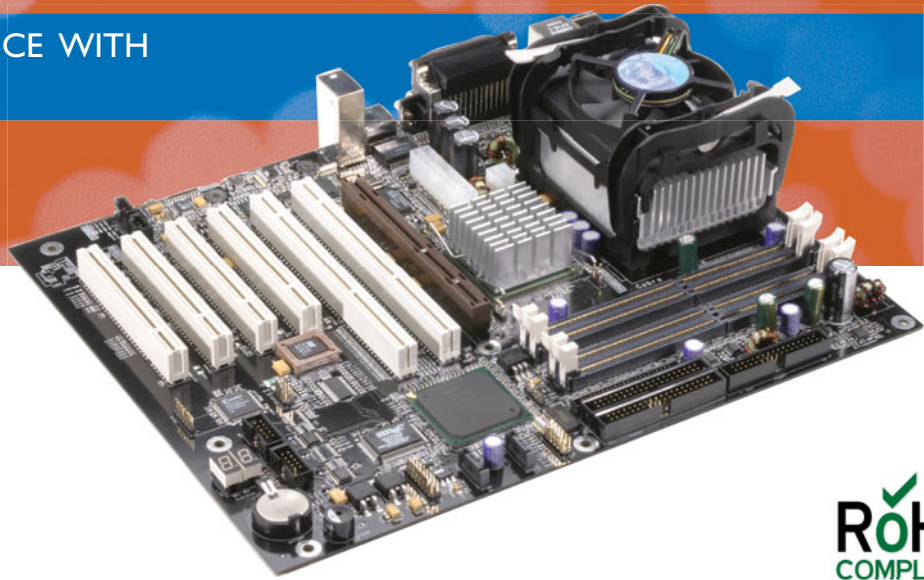


Phoenix™ ATX-P

LONG-LIFE ATX MOTHERBOARD FEATURING PCI-X

WORKSTATION PERFORMANCE WITH
SERVER-LIKE FLEXIBILITY



PRODUCT HIGHLIGHTS

- Intel® Pentium® 4 processor with Hyper-Threading
- Intel 875P chipset
- 800MHz Front Side Bus
- Up to 4GB of Dual Channel DDR 400/333/266
- 64-bit PCI-X
- Serial ATA (150MB/s)
- AGP Pro 4x/8x
- Seven (7) to Ten (10) Year Guaranteed Production

The Phoenix™ ATX-P

industrial motherboard was designed to provide the ultimate in processor power and cutting edge industrial features in an ATX (9.6"x12") form factor. It is based on the Intel Pentium 4 processor with Hyper-Threading Technology and the Intel 875P chipset.

APPLICATIONS

- Defense
- Security and Surveillance
- Medical
- Factory Automation
- Industrial PCs
- Test and Measurement
- Industrial Automation
- Imaging

The Phoenix ATX-P features blazing fast 400/533/800MHz Front Side Bus, Serial ATA (150MB/s), USB2.0, 10/100 and Gigabit Ethernet, 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, four (4) PCI slots, RS232 serial, AC'97 sound, and POST display diagnostics.

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



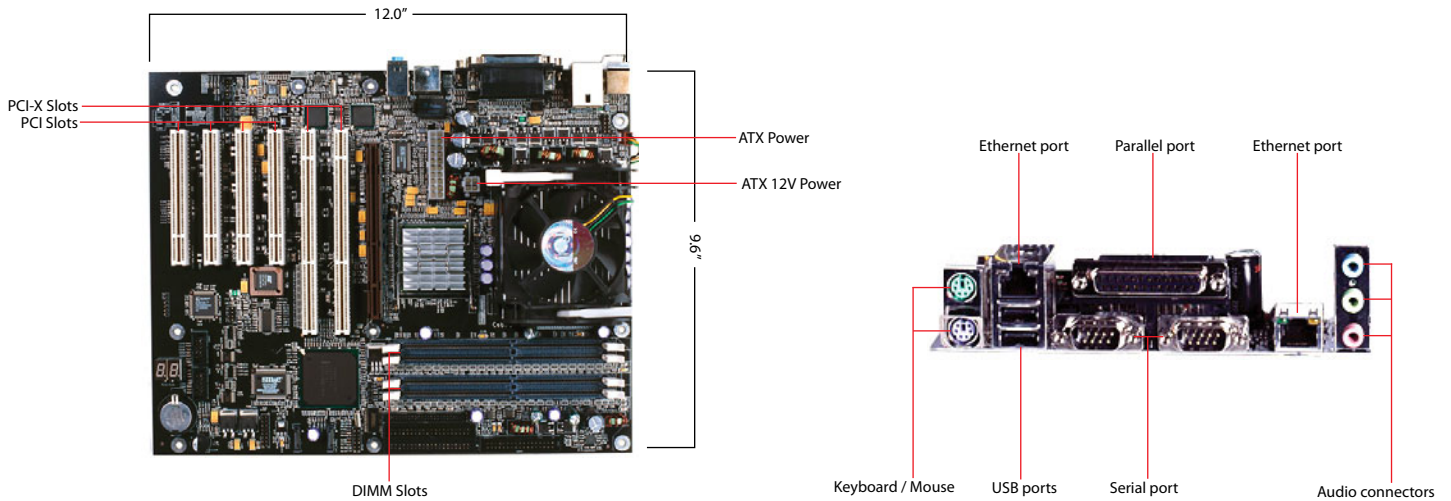
OUR COMMITMENT TO QUALITY

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™ ATX-P

LONG-LIFE ATX MOTHERBOARD FEATURING PCI-X



TECHNICAL SPECIFICATIONS

Form Factor	ATX	Audio	AC'97 compatible sound controller
Dimensions	9.6" x 12.0"	Industrial Devices	Hardware monitoring POST display for diagnostics
Microprocessor	Intel® Pentium® 4 processor with Hyper-Threading Technology (Socket mPGA478)	BIOS	AMI®
Chipset	Intel 875P chipset	Battery	Removable lithium battery for CMOS memory
Front Side Bus	400/533/800MHz	Operating Temp	0°C to 55°C
Memory	Four (4) DIMM sockets support up to 4GB of dual channel DDR 400/333/266. Supports ECC memory modules	Non-Operating	-40°C to 85°C
System Bus	Four (4) 32-bit PCI slots Two (2) 64-bit PCI-X slots	Op. Humidity	5 to 95% @ 40°C non-condensing
Onboard I/O	Two (2) Serial ATA connectors (150MB/s) RAID 0/1 Two (2) 40-pin PATA100 EIDE connectors One (1) 44-pin PATA100 EIDE connector (sharing secondary IDE) Four (4) USB 2.0 ports (USB 1.1 compatible) Four (4) RS232 serial ports. Two (2) factory configurable to RS422 One (1) parallel port PS/2 mouse and keyboard connectors and header Floppy controller ATX12V power supply	Non-Operating	5 to 95% @ 40°C non-condensing
Video Graphics	AGP Pro 8x/4x slot	Part Number	P4CAX
Ethernet	Two (2) Ethernet Ports One (1) 10/100 One (1) 10/100/1000		

CORVALENT™
AT THE CORE OF EMBEDDED COMPUTING

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