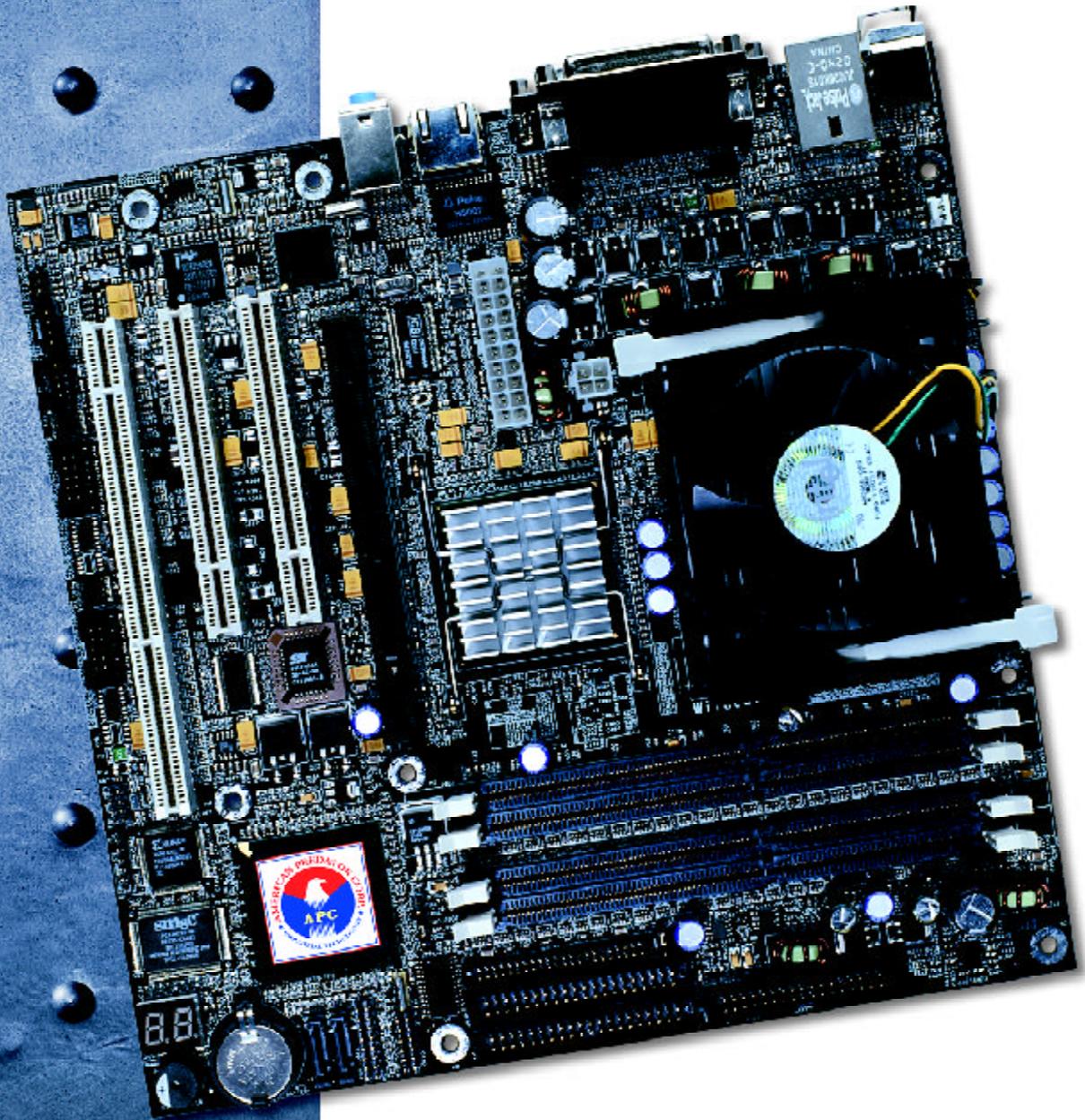


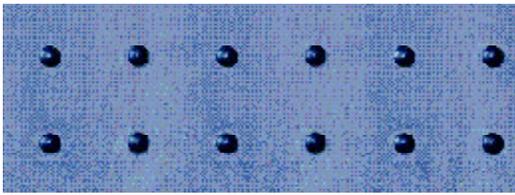
# Phoenix MicroATX™

MicroATX Industrial Controller Based on the Intel® Pentium® 4 Processor and Intel® 875P chipset



- Intel® Pentium® 4 Processor
- 800MHz Front Side Bus
- Serial ATA (150Mb/s)
- 64-bit PCI-X
- AGP Pro 8x
- Five to Eight Year Guaranteed Production





# Phoenix MicroATX™

## MicroATX Industrial Controller Based on the Intel® Pentium® 4 Processor and Intel® 875P chipset

The **Phoenix MicroATX™** industrial controller 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.**

The Phoenix MicroATX features 800MHz Front Side Bus, Serial ATA (150Mb/s), 64-bit PCI-X connectivity, USB2.0, 10/100 and Gigabit ethernet options, and AGP Pro 8x/4x. Standard features include: Four (4) DIMM sockets that support 4GB of dual channel DDR 400/333/266, Two (2) PCI slots, two (2) RS232 serial (with additional options), AC'97 sound, POST display diagnostics, and watchdog timer.

The Phoenix ATX-P continues American Predator'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.

### About the Phoenix Family

American Predator's Phoenix family is a full line of innovative designs based on the Intel® Pentium®4 processor, providing the latest in industrial features and microprocessor technology. The Phoenix family of Industrial Controllers offers a powerful, flexible, and reliable platform, which is the first step to achieving design wins and improving time-to-market.

### Our Commitment to Quality

All American Predator 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.



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### Technical Specifications

<b>Form Factor</b>	MicroATX (9.6"x9.6")
<b>Microprocessor</b>	Intel® Pentium®4 processor with Hyper-Threading Technology ( <i>Contact APC for newest supported speeds</i> )
<b>Chipset</b>	Intel® 875P
<b>Front Side Bus</b>	800/533/400MHz
<b>System Bus</b>	One (1) 64-bit PCI-X slot Two (2) 32-bit PCI slots
<b>On board I/O</b>	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) USB2.0 ports (USB1.1 compatible) Two (2) RS232 ports standard Optional additional Two (2) RS232 ports (factory configurable to RS422/485) One (1) parallel port PS/2 mouse and keyboard connectors and header Floppy controller
<b>Video Graphics</b>	AGP Pro 8x/4x Slot
<b>Memory</b>	Four (4) DIMM sockets support up to 4GB of dual channel DDR 400/333/266 SDRAM
<b>Ethernet</b>	10/100 and Gigabit ethernet options <i>Contact APC for available configurations</i>
<b>Sound</b>	AC'97 compatible sound controller
<b>Industrial Devices</b>	POST code diagnostics Watchdog timer
<b>BIOS</b>	AMI®
<b>Battery</b>	Removable lithium battery for CMOS memory
<b>Power Connector</b>	ATX12V power supply
<b>Environmental Specs</b>	Temperature: 0°C to +55°C - operating, -40°C to +65°C - non-operating. Humidity: 5% to 95% @ 40°C



Designed for Compliance