Intel® 440ZX AGPset Product Brief

Product Highlights

- **Enhanced performance for integer, floating-point and multimedia applications with the Intel® Pentium® II processor**

- **2X AGP performance delivers lifelike 3D graphics and games**

- **Brings 100-MHz FSB bandwidth to entry-level Performance PCs**

- **Preserves Intel® 440BX AGPset core architecture investment**

- **Supports Slot 1 architecture**

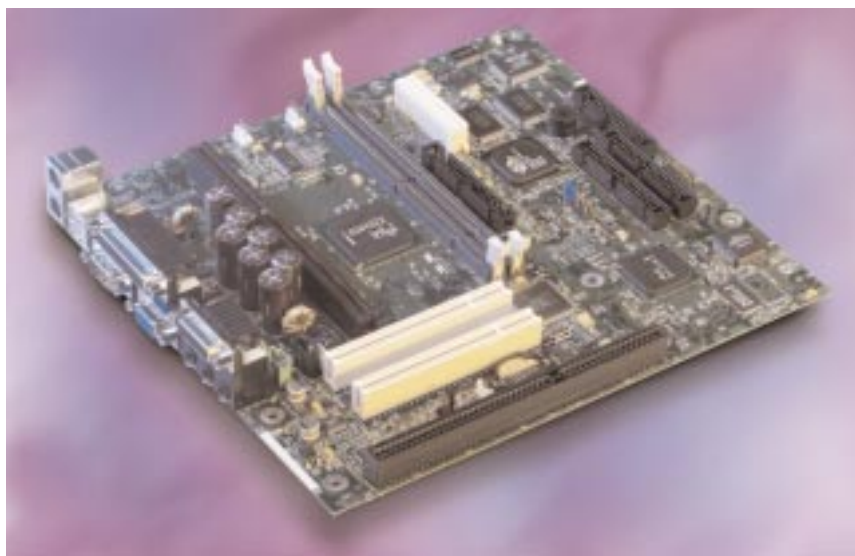- **Optimized for the micro-ATX form factor**

Product Description

The Intel® 440ZX AGPset brings 100-MHz FSB (front-side bus) and PC100 SDRAM performance to entry-level Performance PCs. With 50 percent more system bandwidth than a 66-MHz bus, this AGPset provides the perfect complement to the Pentium® II processor and AGP graphics cards with the Intel740™ graphics accelerator. When coupled with AGP graphics cards, the 440ZX AGPset allows developers to achieve 2X AGP performance and realize the dramatic 3D and video performance benefits of Intel's Quad Port Architecture, including the highest levels of floating-point and integer performance. The 100-MHz performance advantage makes the 440ZX AGPset the perfect platform design solution for today's leading-edge graphics software, while providing ample headroom for tomorrow's applications.

The 440ZX AGPset is also a cost-effective solution. It builds on the proven value of the Intel® 440BX AGPset architecture to bring Intel quality and reliability to Performance PCs at entry-level prices. Intel 440BX AGPset footprint-compatibility and architectural commonality means that the 440ZX can optimize time-to-market and return on investment by reducing validation requirements and extending the value of proven system designs.

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Features	Benefits
■ 100-MHz FSB	■ 50 percent more system bandwidth than 66-MHz bus for better graphics performance
■ Builds on 440BX AGPset core architecture	■ Preserves design investment and maximizes ROI, while speeding time-to-market
■ 2X AGP	■ Best-of-class performance
■ Quad Port Acceleration	■ Optimizes 3D graphics and video performance with the Intel® Pentium® II processor
■ Slot 1 architecture	■ Extends existing investments in platform design and supports a wide range of CPUs
■ Micro-ATX support	■ Cost-effective design

Product	Package
82443ZX AGP Host Bridge Controller	492 Ball Grid Array (BGA)
82371EB PIIX4E	324 Ball Grid Array (BGA)

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