



AMD Duron™ Processor

The AMD Duron™ Processor—Meet Tomorrow Head On

- **Innovative Architecture**
- **Satisfying Performance**
- **Technology That Lasts**
- **Dependability From An Industry Leader**

The AMD Duron™ processor offers desktop computer system buyers a new way of looking at value-based processing solutions. As the latest workhorse in AMD's processor portfolio, the AMD Duron processor enables a PC solution optimized for value-conscious business and home users. Systems based on the AMD Duron processor offer a level of purchasing confidence rarely enjoyed by those in the market for an affordable yet solid-performing desktop computer system.

Innovative Architecture

The AMD Duron processor offers value-minded buyers access to technology that stands out among that of other processors in its class. Its innovative architectural features deliver remarkable performance across many of today's standard and data-rich applications including business and productivity software suites and photo and video-editing packages. Plus, the AMD Duron processor's impressive multimedia capabilities enable outstanding performance running the latest Web-design tools or entertainment and edutainment applications.

Satisfying Performance

At the office, the AMD Duron processor provides the framework for improving business productivity by offering an ideal combination of performance and cost-effectiveness. At home, the

AMD Duron processor enables an enjoyable and rewarding computing experience for end users surfing the Internet or working with today's personal productivity, education and entertainment applications. By taking full advantage of its innovative design, the AMD Duron processor lives up to the standards set by today's most demanding value-conscious buyers—without compromising their budgets.

Technology That Lasts

The AMD Duron processor helps prolong the life of the mainstream business investment by effectively meeting the demands of today's and tomorrow's e-business environment. Additionally, the AMD Duron processor offers value-sensitive home users truly innovative technology that will help enable their computer system investment to last for years to come. An investment in an AMD Duron processor-based system just makes good sense.

Dependability From An Industry Leader

As an industry leader with more than 175 million PC processors sold worldwide, AMD delivers the reliability home and business users expect and demand. In engineering the AMD Duron processor, AMD has drawn heavily from its more than 30 years of design and manufacturing expertise to enable a reliable and dependable computing experience.



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Processor Features & Benefits

AMD Duron™ Processor *Value Optimized*

Introduction of Architecture

- 1999
- Innovative x86 architecture

Total On-Chip Cache Level 1 (L1) + Level 2 (L2)

- Architectural feature that enables faster instruction and data transfer

- 192K
- 20% more on-chip cache than Celeron

Processor Bus Speed

- The speed at which data is transferred between the processor and the rest of the system

- 200MHz
- Significantly more available bandwidth than the Celeron bus

Floating Point Pipelines

- More pipelines typically provide improved floating point performance

- Three vs. only one for Celeron
- Outstanding floating point performance with enhanced 3DNow!™ technology



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