



AMD Athlon™ Processor

You Have the Power with the AMD Athlon™ Processor

Leading-Edge Performance for Cutting-Edge Applications

Powerful Multimedia for a Powerful Platform

Tomorrow's Technology Today

The Power of a Reliable Partner

Leading-Edge Performance for Cutting-Edge Applications

Wield the power of the AMD Athlon™ processor to leverage new high-bandwidth technologies. The revolutionary 200MHz and 266MHz system buses deliver wide pipelines to improve throughput and reduce latency. Pair this with new Double Data Rate (DDR) memory, and the added data-moving power can allow your system to easily handle tasks like processing Internet content from ADSL/cable modems as well as significantly enhancing digital video imaging speed. Plus, the processor's performance-enhancing cache architecture—featuring a total of 348K full-speed, on-die cache—enables dramatically fast application performance.

Powerful Multimedia for a Powerful Platform

Experience the Internet, digital imaging, video and gaming in a whole new way. The AMD Athlon processor combines advanced multimedia architecture—including one of the PC industry's most advanced floating point engines—with enhanced 3DNow!™ technology. As a result, the AMD Athlon processor delivers quick-rendering graphics, rich images, fast frame rates, and accurate theater-quality sound for a powerful multimedia experience.

Tomorrow's Technology Today

Take your computing to a whole new level with the advanced technology of the AMD Athlon processor. Thanks to its ingenious design, you'll experience exceptional performance in today's most demanding applications, from standard business software to memory-intensive graphics applications. Plus, this forward-thinking design enables your system to be prepared for emerging technologies, strengthening the longevity of your investment.

The Power of a Reliable Partner

Backed by more than 30 years of design and manufacturing experience and over 150 million PC processors sold worldwide, AMD delivers highly reliable products to power your mission-critical applications.



AMD Athlon™ Processor with Enhanced 3DNow!™ Technology

Features	Benefits
<ul style="list-style-type: none"> ■ PC Industry's first 200MHz and 266MHz System Buses <ul style="list-style-type: none"> • 266MHz system bus now available in certain speed grades 	<ul style="list-style-type: none"> • Takes advantage of high-bandwidth Internet connectivity such as IEEE 1394, cable modem, DSL, etc. • 266MHz bus provides a 33% increase in bandwidth over standard 200MHz system bus
<ul style="list-style-type: none"> ■ The AMD-760™ Chipset is the First Commercially Available Computing Platform to Support DDR Memory <ul style="list-style-type: none"> • Supports PC1600 or PC2100 DDR memory 	<ul style="list-style-type: none"> • Up to 100% increase in data throughput compared to standard SDRAM
<ul style="list-style-type: none"> ■ Advanced x86 Architecture <ul style="list-style-type: none"> • Nine-issue, superscalar microarchitecture • Speed grades range from 1.33GHz to 900MHz 	<ul style="list-style-type: none"> • High frequencies & exceptional performance • A solid investment for the future
<ul style="list-style-type: none"> ■ Superscalar FPU <ul style="list-style-type: none"> • Issues three superscalar, pipelined floating point or multimedia instructions simultaneously 	<ul style="list-style-type: none"> • High processing speed for math-intensive software programs such as CAD and gaming
<ul style="list-style-type: none"> ■ Performance-Enhancing Cache <ul style="list-style-type: none"> • 128K L1 cache with 256K full-speed, on-die L2 cache* • Total on-die cache of 384K 	<ul style="list-style-type: none"> • Larger full-speed, on-die cache enables dramatically fast application performance
<ul style="list-style-type: none"> ■ Enhanced 3DNow!™ Technology Instruction Set 	<ul style="list-style-type: none"> • Relieves the floating point-intensive bottlenecks in 3D-graphics processing • Improved processing of audio, video, and Internet content for a more compelling visual computing experience

* While all AMD Athlon processors currently being manufactured by AMD feature 256K of full-speed, on-die L2 cache memory, previous versions, without on-die L2 cache, may still be commercially available in some computer systems.

Visit our website at www.amd.com



One AMD Place
P.O. Box 3453
Sunnyvale, California 94088-3453, USA
Tel: 408-732-2400
800-538-8450
TWX: 910-339-9280
TELEX: 34-6306

TECHNICAL SUPPORT
USA & CANADA: 800-222-9323 or 408-749-5703
USA & CANADA PC Microprocessor: 408-749-3060
USA & CANADA Email: hw.support@amd.com
LATIN AMERICA Email: spanish.support@amd.com
ARGENTINA: 001-800-200-1111,
after tone 800-859-4478

CHILE: 800-532-853
MEXICO: 95-800-222-9323
EUROPE & UK: +44-0-1276-803299
Fax: +44-0-1276-803298
FRANCE: 0800-908-621
GERMANY: 089-450-53199
ITALY: 800-877224

EUROPE Email: euro.tech@amd.com
FAR EAST Fax: 852-2956-3996
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