

The AMD Athlon™ MP Processor

for Workstations

Get exceptional performance on everything from data-intensive design applications to real-time financial analysis with the AMD Athlon™ MP processor for workstations. Designed to enhance performance on the world's most popular workstation applications and committed to providing maximum output and scalability, AMD Athlon MP processors empower workstation users worldwide to reach new levels of productivity.

Performance for Commercial and Enterprise Computing

Visualize, design, and animate efficiently with performance-boosting QuantiSpeed™ architecture. As the latest technological enhancement to the award-winning AMD Athlon processor core, QuantiSpeed architecture

takes advantage of a nine-issue, fully pipelined, superscalar microarchitecture to provide more pathways to feed instructions to the execution engine. It also features Hardware Data Pre-fetch, Translation Look-aside Buffers (TLBs), and a superscalar floating point unit (FPU) that work together to anticipate your next move, allowing the processor to complete more work in a given clock cycle. The combined features of QuantiSpeed architecture help workstations boot and load applications quickly and deliver outstanding application performance.

AMD Athlon MP processors feature 3DNow!™ Professional technology. With 71 new multimedia instructions and SSE compatibility, 3DNow! Professional technology enhances digital content creation applications and streaming video and audio programs to provide crisp photo images, and a vivid post-production experience.

Reliability through Compatibility

AMD works closely with leading software and O/S vendors to enhance the performance of AMD processors on the applications you use most. AMD Athlon processors are designed for compatibility with more than 60,000 applications and are compatible with 32-bit x86 operating systems including Microsoft® Windows®, and multiple Linux and Unix operating systems. These applications include the world's most popular digital content creation (DCC), computer aided design (CAD), geographic information systems, software development, and financial analysis applications.



Where Scalability Equals Productivity

Increase user productivity with the AMD Athlon MP processor for workstations. Dual processor capabilities allow users to assign tasks to one processor while continuing work utilizing the remaining processor. Users can also minimize peak loads and increase system stability. The AMD Athlon MP processor thrives in processor-intensive applications like software development, animation; and CAD/CAM design where top productivity is crucial, performance is paramount, and multitasking is a necessity.

Smart MP technology means the AMD Athlon MP processor allows for maximum output and scalability via a dual point-to-point (non-sharing) system bus. This effectively doubles the available system bandwidth, reduces data transfer latencies; and can help ensure that both processors work to their full potential.

The AMD Athlon MP processor, together with the innovative AMD-760™ MPX chipset, delivers breakthrough performance in a dual processor platform. The AMD-760 MPX chipset is a high-performance, two-way multiprocessor core logic solution for AMD Athlon MP processors.

Commercial enterprises can achieve new levels of productivity with the advanced features of the AMD-760 MPX chipset. An enhanced 266MHz system bus, support for DDR memory technology, and an AGP-4X graphics interface work together with sophisticated core logic in memory and I/O control to provide a powerful solution for workstation platforms.

Experience Built It. Innovation Drives It.

More than 30 years of processor design experience and more than 190 million PC processors shipped worldwide make AMD an innovation leader. We constantly develop smart processing solutions, including the AMD Athlon MP processor for workstations. It's designed to help your business improve productivity and reduce computing costs. Get the credibility and dependability you expect from an industry leader. Choose AMD.

For more information on where to buy AMD Athlon MP processor-based workstations, go to:
<http://www.amd.com/buyersguide>

About AMD

AMD is a global supplier of integrated circuits for the personal and networked computer and communications markets with manufacturing facilities in the United States, Europe, Japan, and Asia.

AMD, a Fortune 500 and Standard & Poor's 500 company, produces micro-processors, flash memory devices, and support circuitry for communications and networking applications.

Founded in 1969 and based in Sunnyvale, California, AMD had revenues of \$3.9 billion in 2001. (NYSE: AMD)



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