

AMD Sempron™ Processor Product Brief

AMD Sempron™ Processor Overview

The AMD Sempron™ processor performs at the top of its class when running the home and business applications most. The AMD Sempron™ processor's full-featured capabilities can include AMD64 Technology, HyperTransport™ technology, high-performance cache, One 16-bit/16-bit link @ up to 1600MHz full duplex system bus technology, and an integrated DDR memory controller.

The AMD Sempron™ processor provides the productivity enhancing performance you need for your everyday applications. It runs over 60,000 of the world's most popular applications, so you can enjoy solid performance. With 35 years of design and manufacturing experience and shipments of more than 240 million PC processors, you can count on AMD to provide reliable solutions for your home or business.

Affordable - Performance

- The AMD Sempron processor performs at the top of its class on the home and business applications that you need and use most.
- The AMD Sempron processor is designed for day-to-day computing and beyond.

Full-Featured to Improve your Computing Experience

- The AMD Sempron processor lets you enjoy a dynamic Internet experience with smooth streaming video and audio.
- The AMD Sempron processor saves you time and effort; enabling your system to boot and load your applications quickly.
- Applications that allow you to communicate with family, friends and colleagues will run smoothly with the AMD Sempron processor.

The AMD Sempron™ processor's advanced architectural features help ensure affordable performance and full-featured capability. These features include:

- AMD64 Technology
- HyperTransport technology
- High-performance, full-speed cache
- One 16-bit/16-bit link @ up to 1600MHz full duplex system bus technology
- Integrated DDR memory controller
- Built-in security with Enhanced Virus Protection that works with Microsoft Windows XP SP2 to help protect against viruses, worms, and other malicious attacks. When combined with protective software, Enhanced Virus Protection is part of an overall security solution that helps keep your information safer.

Enjoy full compatibility with the tools you use daily.

The AMD Sempron processor is designed to run more than 60,000 of the most popular software applications, so you can enjoy reliable performance for a wide variety of computing needs. And since the AMD Sempron processor is compatible with leading PC peripherals, it helps keep everything running smoothly.

Get more value from your PC.

The AMD Sempron processor is ideal for families, students and other budget-conscious or entry-level computer buyers. It includes the right set of features you need for day-to-day computing, and gives you more power for your money than other similar processors. This means you get a PC configured with better components such as CD drives, graphics capabilities, and more.

Reliability from an Industry Leader

- AMD is an industry leader that is dedicated to enabling you to get the job done at work or at play.
- AMD is constantly striving to find the right solutions for you and your home or business needs.
- AMD's superior quality and track record have long been recognized by a number of the industry's top publications, organizations and high-tech experts. AMD products, technology, manufacturing, facilities, executives and corporate and community programs have earned a multitude of awards and recognition over the years.

For the latest performance benchmarks and detailed technical documentation of the AMD Sempron processor, please visit [Benchmarks and Technical Documentation](#). For more product comparison information, please visit the [AMD Sempron Product Comparison](#).

*Enhanced Virus Protection (EVP) is only enabled by certain operating systems including the current versions of Microsoft® Windows®, Linux, Solaris and BSD Unix. After properly installing the appropriate operating system release, users must enable the protection of their applications and associated files from buffer overrun attacks. Consult your OS documentation for information on enabling EVP. Contact your application software vendor for information regarding use of the application in conjunction with EVP. AMD and its partners strongly recommend that users continue to use third party anti-virus software as part of their security strategy.

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