

May 30, 2007



Fanless Embedded Designs Can Now Take Advantage of AMD64 Technology with the Introduction of the AMD Sempron(TM) 2100+ Processor

Additionally, the AMD Geode(TM) LX 800 @ 0.9W Processor Now Supports Extended Temperature Applications

SUNNYVALE, Calif.--(BUSINESS WIRE)--

AMD (NYSE:AMD) today announced an expansion of its Embedded Solutions offerings to include the new AMD Sempron(TM) Processor Model 2100+ and the AMD Geode(TM) LX 800 @ 0.9W Processor, which can now support designs to be deployed in harsh temperature environments. The addition of these new features in AMD's broad embedded product portfolio showcases AMD's commitment to delivering processor options that address the expanding and often unique needs of the embedded market. At the same time, AMD is delivering innovation on an industry standard platform, helping shorten design cycles and time to market.

The AMD Sempron Processor Model 2100+ offers fanless system design and incorporates AMD64 technology in a 9W power envelope. This processor will provide particular advantages for designers focused on delivering high performance and functionality in single board computing and embedded client systems and is compatible with the recently announced AMD M690T chipset. It also features the high shock and vibration specification Socket S1, offering high reliability for ruggedized computing.

Extended temperature support can be particularly critical in extreme computing environments. Applications such as telecommunications infrastructure (including wired, wireless and MSB/MSC), single board computing, automotive and transportation systems, and industrial control and monitoring often require temperature support in the -40 to +85 degrees Celsius range, which can now be supported with the AMD Geode LX 800 @ 0.9W processor.

"By expanding our product portfolio with this new, very low power version of the highly successful AMD Sempron processor and extending the temperature support in our Geode line, AMD is delivering on our promise of customer-centric innovation for a range of embedded markets," said Greg White, vice president, Embedded Computing Solutions Division, AMD. "You will continue to see AMD offer our embedded customers the products and tools they need to get high performance, very low power products to market quickly."

A host of embedded board manufacturers have products available that will accommodate the extended temperature AMD Geode LX processor, including Advantech, AAEON, Arbor,

ICP, and IBase, while both AAEON and Arbor offer boards that will accommodate the new AMD Sempron processor Model 2100+.

About AMD Geode

The AMD Geode(TM) LX [700@0.8W](#) processor, the AMD Geode [LX800@0.9W](#) processor, and the new AMD Geode LX [900@1.5W](#) processor bring x86 power and versatility to applications for entertainment, business, education, and embedded markets.

The AMD Geode LX [900@1.5W](#) processor is the most advanced Geode LX processor for demanding embedded applications. This level of capability may not be needed for every application, but when premium performance is needed, the AMD Geode LX [900@1.5W](#) processor delivers. The AMD Geode LX processor's integrated, innovative architecture is one of the most energy-efficient x86 solutions in the industry and can lead to longer battery life and enable small form-factor designs.

About AMD

Advanced Micro Devices (NYSE:AMD) is a leading global provider of innovative processing solutions in the computing, graphics and consumer electronics markets. AMD is dedicated to driving open innovation, choice and industry growth by delivering superior customer-centric solutions that empower consumers and businesses worldwide. For more information, visit www.amd.com.

(C) 2007 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, AMD Sempron, and combinations thereof, and Geode, are trademarks of Advanced Micro Devices, Inc. Other names are for informational purposes only and may be trademarks of their respective owners.

Source: Advanced Micro Devices, Inc.