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New Product Announcement

Congatec Computing Modules Powered by 22nm Intel Atom Available from Mouser

September 11, 2014 – [Mouser Electronics](http://www.mouser.com), Inc., a top design engineering resource and global distributor for semiconductors and electronic components, is now stocking the [Conga-QA3 Qseven Modules](#) from [Congatec](#). Congatec is a member of the Intel® [Internet of Things](#) Solutions Alliance, one of the world's most recognized and trusted technology ecosystems.

The [Congatec Conga-QA3 Qseven Modules](#), available from Mouser Electronics, are based on the [Intel E3800 Atom™ Processors](#) which utilize Intel's industry-leading 22nm process technology with 3-D Tri-Gate transistors. This allows the Conga-QA3 modules to deliver significant improvements in computational performance while also providing an energy-efficient systems for most applications. Congatec Qseven Conga-QA3 modules feature 2 GBytes or 4 GBytes of onboard Flash memory with additional support for eMMC 4.51 onboard Flash of up to 16 GBytes. Up to 8 GBytes of dual channel DDR3 DRAM can be populated on the board. The board is in the Qseven form factor which has the standard dimensions of 70 x 70 mm and can operate at an extended industrial temperature range of -40°C to +85°C. Power consumption for typical applications can range between 4.5 Watts and 12 Watts.

The Conga-QA3 is available with the Intel Atom with single, dual, or quad-core processors. The QA3 can be configured for both USB 2.0 and [USB 3.0](#) ports. Intel High Definition Audio and Intel HD Graphics with hardware acceleration is also supported. A Digital DisplayPort Interface (DDI) provides video resolutions of up to 2560x1600, or HDMI 1.4a video of up to 1920x1200.

The Conga-QA3 Qseven computer can be loaded with a number of operating systems including Microsoft® Windows® 8 and Windows 8 Embedded, Windows 7 and Windows 7 Embedded Compact, and Linux.

To learn more, visit: <http://www.mouser.com/new/congatec/congatec-conga-qa3-modules/> .

With its broad product line and unsurpassed customer service, Mouser caters to design engineers and buyers by delivering What's Next in advanced technologies. Mouser offers customers 20 global support locations and stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is updated daily and searches more than 10 million products to locate over 4 million orderable part numbers available for easy online purchase. Mouser.com also houses an industry-first interactive catalog, data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a subsidiary of TTI, Inc., is part of Warren Buffett's Berkshire Hathaway family of companies. Mouser is an award-winning, authorized semiconductor and electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers and buyers. Mouser.com features more than 4 million products online from more than 500 manufacturers. Mouser publishes multiple catalogs per year providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 400,000 customers in 170 countries from its 492,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit <http://www.mouser.com>.

About Congatec

Congatec is an experienced leader in designing and manufacturing embedded computer modules. Congatec's products feature highly reliable and cutting-edge technologies, including the Intel® Pentium® M processor line and a versatile and flexible BIOS. The company also provides leading display technology, including embedded flat panel interface. Congatec is part of The Intel® Internet of Things Solutions Alliance, one of the world's most recognized and trusted technology ecosystems.

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