Advantech SQFlash 640 Series

The Industry's First Wide Temperature High Capacity mSATA and M.2 Industrial SSD up to 1TB

May 26, 2017, Munich– Advantech, a leading provider of industrial storage total solutions, today announced the expansion of its product offering in the small form factor category of (up to) 1TB high capacity SQFlash. To meet the trend in compact system design and highly robust demands, Advantech launches its latest SQFlash 640 product series with SQF-SMS 640 series mSATA SSD, and SQF-SM8 640 series M.2 2280 SSD modules. The SQF 640 series supports up to 1 Terabyte (TB) high capacity memory and is available in both normal and extended temperature versions. This new product series not only supports mainstream MLC Flash technology, but will extend the support for 3D V-NAND technology in H2 2017.

The Industry's First 1TB Wide Temperature mSATA & M.2 SSD

SSD technology nowadays supports much higher performance than it used to and even small form factor flash drives such as mSATA / M.2 can attain 6.0 Gbps SATA performance. High performance usually results in increased power consumption and heat generation—especially for small form factor SSDs such as mSATA and M.2. Advantech's latest SQF-SMS 640 mSATA SSD, and SQF-SM8 640 M.2 SSD modules are powered by a high performance SATA 6.0 Gbps IC controller chip with low energy consumption of 2.6 W compared with similar products. These modules allow compact system designs and support -40-85°C wide operating temperature, yet deliver ultimate performance and reliability for industrial fields such as railways, outdoor applications, and defense.

Enhanced Capability on Design-in Service with SQFlash

Advantech's SQFlash product range offers a comprehensive selection of flash-based storage products, from chip level to high-end enterprise grade SSDs. Our complete product offering and solid technical support are backed up by a strong Design-in Service team ready to support customer requests. With the launch of the SQFlash 640 series, along with a full spectrum of flash IC choices and capacities, more industrial verticals like ruggedized solutions, general embedded, and semi-industrial applications can be serviced with more suitable and cost-efficient SSD solutions.

Besides this product line expansion, Advantech also supports 30-day customization service for extending SQFlash storage functionality beyond the standard offering. This service includes customization of hardware design, as well as firmware adjustments for additional security or specific platform compatibility. To obtain more information, please contact your local sales office or visit the Advantech SQFlash website. (http://www.advantech.eu/SQFlash)

About Advantech SQFlash–a Perfect Storage Solution for Embedded Applications

Advantech SQFlash is an industrial storage module, designed for embedded applications requiring high performance, compatibility, and reliability. We also develop security software that combines directly with storage modules, providing safe, reliable application environments. To learn more about SQFlash, please visit

http://www.advantech.eu/SQFlash

About Advantech

Founded in 1983, Advantech is a leader in providing trusted, innovative products, services, and solutions. Advantech offers comprehensive system integration, hardware, software, customer-centric design services, embedded systems, automation products, and global logistics support. We cooperate closely with our partners to help provide complete solutions for a wide array of applications across a diverse range of industries. Our mission is to enable an intelligent planet with Automation and Embedded Computing products and solutions that empower the development of smarter working and living. With Advantech, there is no limit to the applications and innovations our products make possible. With Advantech, there is no limit to the applications and innovations our products make possible. (Corporate Website: www.advantech.eu).