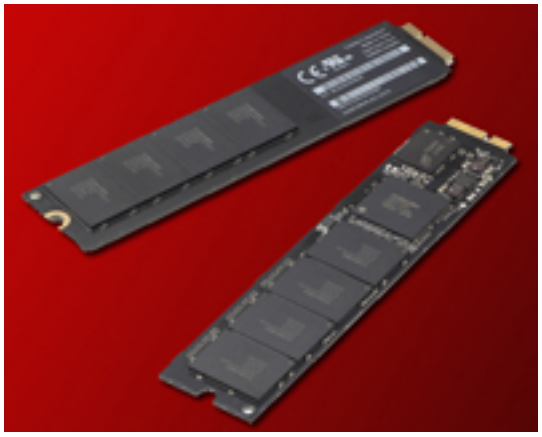
High Performance Blade-Type SSD Modules with Capacities up to 256GB



IRVINE, Calif., and TOKYO, /PRNewswire/ -- Toshiba Corporation (Toshiba) and Toshiba America Electronic Components, Inc. (TAEC)* today announced the Blade X-gale™ SSD series, an innovative new form factor in high capacity, high performance solid-state storage.

The new drives are offered in capacities of 64-gigabyte (GB) (1), 128GB and 256GB, with a maximum sequential read speed of 220MB per second (MB/s) (2) and a maximum sequential write speed of 180MB/s. Ideally suited for integration into space-sensitive products, including tablet PCs, laptops, mini-mobile and netbook PCs, Toshiba's latest SSD offering helps these devices achieve a super slim profile.

As mobile devices get smaller and lighter, yet even more feature packed than ever, the SSDs inside them – the heart of storing all of the music and other entertainment data – must be even smaller, and much thinner. Toshiba's 64GB and 128GB Blade X-gale SSDs are the thinnest available within the company's comprehensive portfolio of SSD solutions.

At a thickness of 2.2mm, the modules are 42 percent thinner than that of a typical mSATA SSD, and Toshiba's advanced wiring technology has assured optimized wiring layouts and data transfer rates in this new form factor. Thanks to Toshiba's base design technology that minimizes board warpage during thinning, 256GB capacity can be achieved when mounted on both sides, the largest density in the industry for small type SSD modules. Toshiba also offers designers a choice of mSATA and Half-Slim SSD modules in capacities up to 128GB.

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