

New solid state drives launched for tablets, ultra-thin notebooks

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SanDisk Corporation today introduced two new solid state drives (SSDs) for the mobile computing market. The U100 drive, successor to the popular SanDisk P4 modular SSD series, delivers a flexible, cost-effective solution for ultra-thin notebooks. The SanDisk iSSD integrated storage device series' i100 drive is the world's smallest, fastest 128 gigabyte (GB) (SATA III) BGA (ball grid array) SSD and an ideal storage solution for slim, powerful tablets and ultra-thin notebooks.

The new SSDs utilize the high-performance SATA III interface to improve application loading times, web-browsing speeds, multimedia synchronization, file-transfer rates and overall system responsiveness. The drives employ a low-power architecture that reduces [power consumption](#) to as low as 10mW. This combination of high performance and low power allows OEMs to develop feature-rich products with longer battery life.

"Our deep involvement with key ecosystem stakeholders allows us to align our products with fast-moving market requirements," said Rizwan Ahmed, director, [SSD](#) product marketing, SanDisk. "We develop low-power, high-performance SATA SSDs that optimally fit into a growing number of thin client devices."

SanDisk SSD Series' U100 Drive for Ultra-Thin Notebooks

The U100 drive builds upon the successful SanDisk P4 modular SSD series, which enjoyed widespread adoption among ultra-thin notebooks and other mobile computing platforms. U100 supports an array of design needs and is available in a variety of form factors, including Half-Slim SATA SSD, mSATA, mSATA mini, 2.5" cased, as well as customized modules.

The U100 drive delivers fast SATA III performance with up to 450 [megabyte](#) per second (MB/sec) sequential read and up to 340MB/sec sequential write speeds³. The drive's low-power architecture allows OEMs to extend their products' battery life while maintaining high performance. The drive is available in 8GB to 256GB capacities, and OEMs, attracted to the outstanding price/performance value proposition, are already successfully integrating the new SSD into their next-generation platforms.

SanDisk iSSD for Tablets

The i100 drive is the smallest, fastest 128GB (SATA III) BGA-based SSD on the market and the newest product in the [SanDisk](#) iSSD integrated [storage device](#) series. The drive is available in 8GB to 128GB capacities, offering OEMs a flexible range of storage options. Measuring only 16mm x 20mm x 1.4mm (for up to 64GB) and 16mm x 20mm x

1.85mm (for 128GB), the drive allows OEMs to design sleek, high-performance tablets and ultra-thin notebooks.

The drive's SATA performance achieves up to 450MB/sec sequential read and up to 160MB/sec sequential write speeds. The i100 drive can improve sideloading rates, multitasking capabilities, real-time gaming experience and multimedia synchronization-all while extending [battery life](#) via its low-power architecture.

Provided by Sandisk Corporation

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