

Toshiba's New 1.8-inch SATA HDD Achieves 160GB

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TOSHIBA
Industry's First 160GB 1.8-inch HDD with
Serial ATA Interface (MK1617GSG)

Toshiba Corporation today announced a new line-up of 1.8-inch hard disk drives adopting a serial ATA interface, including the industry's first drive of this type with a capacity of 160 gigabytes. The new 160GB drive, MK1617GSG, and an 80GB drive, MK8017GSG, will enter mass production in August.

Toshiba's new 1.8-inch HDDs boost interface speed to 1.5Gbps and offer a rotation speed of 5,400 rpm, faster than the current generation of Toshiba 1.8-inch HDD (MK1214GAH, parallel ATA, 120GB).

By realizing the industry's first 160GB 1.8-inch drive with a serial ATA interface, Toshiba assures that mobile PCs will be able to meet the most

demanding user needs.

The new MK1617GSG drive is more environmentally efficient than Toshiba's current MK1216GSG (120GB) model, and raises energy consumption efficiency, as defined under the Japanese legal standard, to 0.00281W/GB, a 25% improvement. The drive improves the maximum internal data transfer rate by approximately 17%, and supports faster data access in reading and writing that enhances overall performance.

Alongside Toshiba's 1.8-inch HDD of 80GB and 120GB serial ATA interface drives already in the market, the new drives will provide product manufacturers with a broad line-up that supports diverse applications. The new drives will also contribute to achievement of environmentally conscious products in full compliance with the EU's RoHS directive.

Source: Toshiba

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