"With a 600GB maximum capacity, lower power consumption and smaller footprint, Toshiba's small form factor enterprise HDDs further enable the growing trend of enterprise system migration from 3.5-inch to 2.5-inch HDDs," said Joel Hagberg, vice president of enterprise marketing at Toshiba Storage Device Division. "Optional inclusion of Toshiba's SED technology supports endpoint protection in data-sensitive environments. This total package offers an efficient and effective solution for enterprise storage system manufacturers and system builders."

Self-Encrypting Drives

Certain models of the MBF series offer an option of drive-based encryption designed to the Trusted Computing Group (TCG) Enterprise Security Subsystem Class specification. The TCG specifications provide standards-based protocols to promote industry-wide adoption by HDD vendors, security management independent software vendors (ISVs), independent hardware vendors (IHVs) and storage system designers. The transparency of encrypting data within the storage device simplifies the deployment and provides an easier path to compliance with regulatory mandates for stronger security practices. As such, SEDs have become an important component in the enterprise environment with features such as secure erase, which makes the repurpose and retire process easier for organizations that use these drives.

Availability

The MBF product line is available in 300GB, 450GB and 600GB capacities and will ship in volume in April 2010 with samples available now for design development. For more information on Toshiba's line of industry-leading enterprise-class small form factor hard drives, visit **www.toshibastorage.com.**

Product Specifications

Model Number	MBF
Maximum Capacity (Formatted) [1]	600GB / 450GB / 300GB
Media transfer rate (max)	216 MB/s
Average seek time	4.0 ms typ. (Read), 4.4 ms typ. (Write)
Rotational speed	10,025 RPM
Buffer memory	16 MB
Interface	SAS 2.0
Interface transfer rate	6 Gb/s SAS
External dimensions (WxDxH; mm)	69.85 mm x 100.45 mm x 15.00 mm
Weight (g)	220g or less
Shock resistance: **Operating** **Non-operating**	980 m/s² (100G) max 1ms 3,920 m/s² (400G) max 1ms
Acoustics:	29 dB or less

About Toshiba Storage Device Division
Toshiba is a one-of-a-kind global storage company, offering hard disk drives (HDDs), optical disk drives (ODDs), solid state drives (SSDs) and NAND flash memories – technologies that drive a wide range of consumer electronics, computer and automotive applications, as well as enterprise solutions for the global marketplace. Through its Storage Device Division, Toshiba leads in the development, design and manufacturing of mobile, retail and enterprise hard disk drives. Toshiba SDD markets high-quality peripherals to original equipment manufacturers, original design manufacturers, value-added resellers, value-added dealers, systems integrators, distributors and retailers worldwide. Inherent in the Toshiba storage family are the high-quality engineering and manufacturing capabilities that have established Toshiba products as innovation leaders worldwide. For more information, visit www.toshibastorage.com.

About Toshiba America Information Systems Inc. (TAIS)
Headquartered in Irvine, Calif., TAIS is comprised of four business units: Digital Products Division, Imaging Systems Division, Storage Device Division and Telecommunication Systems Division. Together, these divisions provide mobile products and solutions, including industry-leading portable computers; projectors; imaging products for the security, medical and manufacturing markets; storage products for automotive, computer and consumer electronics applications; and telephony equipment and associated applications.

TAIS provides sales, marketing and services for its wide range of information products in the United States and Latin America. TAIS is an independent operating company owned by Toshiba America, Inc., a subsidiary of Toshiba Corporation. Toshiba Corporation is a world leader and innovator in high technology, a diversified manufacturer and marketer of advanced electronic and electrical products. These products span from information & communications systems; digital consumer products; electronic devices and components; as well as power systems including nuclear energy; industrial and social infrastructure systems; and home appliances. Toshiba was founded in 1875, and today operates a global network of more than 730 companies, with 199,000 employees worldwide and annual sales surpassing US $67 billion (FY 2008). For more information on Toshiba's leading innovations, visit the company's Web site at www.toshiba.com.

1.   One Gigabyte (1 GB) means 10^9 =1,000,000,000 bytes using powers of 10. A computer operating system, however, reports storage capacity using powers of 2 for the definition of 1 GB = 2^{30}= 1,073,741,824 bytes, and therefore shows less storage capacity. Available storage capacity (including examples of various media files) will vary based on file size, formatting, settings, software and operating system. Examples of the number of photos, songs, movies, and any other files that can be stored on a hard drive are provided for illustrative purposes only. Your results will vary based on file size and format, settings, features, operating system, software and other factors.

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