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TOSHIBA ANNOUNCES SLIM HDD FOR THIN LAPTOPS
The MQ02ABF series is the first two platter 7mm HDD for Toshiba

IRVINE, Calif. — October 22, 2013 — The Storage Products Business Unit of Toshiba America Electronic Components, Inc., a committed technology leader, announces the slim, 7mmH two platter MQ02ABF series 2.5-inch 5,400 RPM SATA hard drive disk (HDD). The MQ02ABF series is Toshiba’s first two platter 7mm HDD model, delivering up to 1TB¹ of storage capacity with both the performance and power efficiency required for thin mobile computing applications. Available in 750GB¹ and 1TB, the MQ02ABF HDD series features a rigid chassis design and dual stage head positioning technology.

“The MQ02ABF series fulfills our customers’ desire for a high capacity 7mm form factor HDD required for today’s thin and light laptops,” said Don Jeanette, senior director of product marketing at Toshiba’s Storage Products Business Unit. “We continue to focus on delivering a wide range of storage devices that enhance the computing experience, and we believe this newest addition to Toshiba’s HDD product line will deliver the features our customers need.”

For more information on Toshiba’s line of industry-leading SSDs, HDDs and SSHDs, visit www.toshibastorage.com. To connect with Toshiba Storage, visit the corporate blog at <http://storage.toshiba.com/corporateblog/> and follow [@ToshibaStorage](https://twitter.com/ToshibaStorage) on Twitter.

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¹ Definition of capacity: Toshiba defines a megabyte (MB) as 1,000,000 bytes, a gigabyte (GB) as 1,000,000,000 bytes and a terabyte (TB) as 1,000,000,000,000 bytes. A computer operating system, however, reports storage capacity using powers of 2 for the definition of 1GB = 2³⁰ = 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, such as Microsoft Operating System and/or pre-installed software applications, or media content. Actual formatted capacity may vary.

Specifications

Model Number	MQ02ABF100/ MQ02ABF075
Maximum Capacity (Formatted) ¹	1TB/ 750GB
Number of Platters	2
Number of Heads	4
Average Seek Time	12 ms
Interface	Serial ATA 3.0 / ATA8
Interface Transfer Rate	6 / 3 / 1.5 Gbit/s
Rotational Speed	5,400 rpm
External Dimensions (WxDxH; mm)	69.85 mm x 100.0 mm x 7.0 mm
Weight (g)	99 g
Temperature: Operating Non-operating	 0 – 60°C -40 – 65°C
Shock resistance: Operating Non-operating	 3,430m/ s ² {350G} (2ms half sine) 8,820m/ s ² {900G} (1ms half sine)
Atmosphere Pressure: Operating Non-operating	 -300 to 5,650m -300 to 12,000m
Vibration: Operating Non-operating	 9.8m/s ² {1.0G} 49m/s ² {5.0G}

About Toshiba Storage Products

Toshiba Corporation and its affiliates offer one-of-a-kind global storage solutions, offering hard disk drives (HDDs), 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. Toshiba is a leader in the development, design and manufacture of mobile, consumer and enterprise hard disk drives and solid state drives. In North America, the Storage Products Business Unit of Toshiba America Electronic Components, Inc., markets high-quality storage peripherals to original equipment manufacturers, original design manufacturers, value-added resellers, value-added dealers, systems integrators and distributors 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 Corp. and Toshiba America Electronic Components, Inc. (TAEC)

Through proven commitment, lasting relationships and advanced, reliable electronic components, Toshiba enables its customers to create market-leading designs. Toshiba is the heartbeat within product breakthroughs from OEMs, ODMs, CMs, VARs, distributors and fabless chip companies worldwide. A committed electronic components leader, Toshiba designs and manufactures high-quality flash memory-based storage solutions, solid state drives (SSDs), hard disk drives (HDDs), discrete devices, advanced materials, medical tubes, custom SoCs/ASICs, imaging products, microcontrollers and wireless components that make possible today's leading smartphones, tablets, MP3 players, cameras, medical devices, automotive electronics, enterprise solutions and more.

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