



Toshiba Adds New 32GB and 16GB High Density SDHC Cards and 8GB microSDHC Card to Extensive Memory Card Line-up

Toshiba Electronics Europe, a leading innovator in memory card solutions, has reinforced its line-up of SD High Capacity (SDHC) cards with three new cards, including the world's first 32-gigabyte (GB) memory card in this high density. Alongside the 32GB SDHC card, Toshiba also announced a 16GB SDHC card and an 8GB microSDHC card. All the new cards meet the Class 4 specification in the SD Speed Class, ensuring they deliver the high level performance and functionality essential for advanced mobile phones and other personal digital products.

The 16GB SDHC card will be available worldwide from October, and the 32GB SDHC card and 8GB microSDHC card will be launched worldwide in January next year.

The market for high density memory cards is growing fast, driven by increasing demand for personal digital equipment able to handle motion pictures and high resolution images. A requirement for high density microSDHC cards is expected to emerge in the mobile phone market, as on-board cameras gain multi-megapixel capacities, and demand for music and motion pictures expands as well.

Toshiba will continue to expand and upgrade its SDHC and SD Memory card series to meet the growing need for high speed, high density products.

The expanded new card series will be featured at the IFA 2007, in Berlin, Germany from August 31 to September 5.

Outline of New SD Memory Cards

Product Name	Density	SD Speed Class	Price	Start of mass production	Mass production volume (monthly)
SDHC Memory Card SD-HC032GT4	32GB	Class 4	Open	Jan, 2008	5,000
SDHC Memory Card SD-HC016GT4	16GB	Class 4	Open	Oct, 2007	30,000
microSDHC Memory Card SD-MH008GA	8GB	Class 4	Open	Jan, 2008	50,000

Note: Product names above are for the Japanese market.

Key Features

1. SDHC Memory card (High Speed Type)
 - (1)Realizes maximum write speed of 6MB per sec.
 - (2)“Class 4” SD Speed Class, guaranteeing sustained data writes at 4MB/s.
 - (3)Integrates highly secure CPRM copyright technology.

2. microSDHC Memory card

- (1) Realizes large 8GB capacity in a microSDHC card. It can store 139 hours of music at a bit rate of 128kbps.
- (2) "Class 4" SD Speed Class, guaranteeing sustained data writes at 4MB/s.
- (3) Integrates highly secure CPRM copyright technology.

Specifications

	SD-HC032GT4	SD-HC016GT4	SD-MH008GA
Interface	SD Memory Card Standard Ver. 2.00 Compatible		
Power Supply Voltage:	2.7 - 3.6V		
Compatible Standard	SD Memory Card Standard Ver. 2.00 Compatible		
SD Speed Class	Class 4		
Maximum Write Speed:	6MB / Second		
Exterior Dimensions:	32×24×2.1(mm))	32×24×2.1(mm)	15×11×1(mm)
Weight Approx.:	2g	2g	0.4g

Note: Product names above are for the Japanese market.

Notes:

*Maximum read and write speed depends on such factors as device and file size.

*SDHC Memory cards can be used with devices that support the SD Memory card Ver. 2.00 standard. They are not backward compatible with standard SD Memory cards.

For further information about Toshiba's memory card solutions, please visit: www.toshiba-memory.com

About Toshiba

Toshiba Corporation is a leader in information and communications systems, electronic components, consumer products and power systems. The company's integration of these wide-ranging capabilities assures its position as an innovator in advanced components, products and systems. Toshiba has more than 172,000 employees worldwide and annual sales of over US\$54 billion (FY2005).

Toshiba Electronics Europe (TEE) is the European Headquarters for the electronic components business of Toshiba Corporation, which is the world's fourth largest semiconductor vendor according to estimates by Dataquest.

Providing design, manufacturing, marketing and sales, TEE was formed in 1973 in Neuss, Germany. The company now has headquarters in Düsseldorf, Germany and subsidiaries in France, Italy, Spain, Sweden and the United Kingdom. Company president is Mr Shikama and the total number of personnel in Europe is around 400.

Toshiba Electronics Europe offers one of the industry's broadest IC and discrete product lines including high-end memory, microcontrollers, ASICs, ASSPs and display products for automotive, multimedia, consumer, telecoms and networking applications. The company also has a wide range of power semiconductor solutions.

For more company information visit Toshiba's web site at www.toshiba-components.com

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