

Tech News:
**The new standard in the SD
card family *SDXC***

Without a doubt, the Secure Digital (or SD) memory card is the most popular flash memory card to date. From the standard SD card to the MicroSDHC, thousands of portable devices, including digital cameras, mobile phones and MP3 players, are using them to store digital content. The SD Association, a global alliance of more than 1,100 companies involved in the design, development, manufacture or sales of products using SD technology, has just announced the latest standard in the SD family, ***SDXC***.



SDXC

SDXC (eXtended Capacity) has a maximum capacity of 2TB - that's enough storage space for 100 high-def movies, 60 hours of HD recording or 17,000 fine-mode photos on any compatible portable device. The transfer speed of SDXC is a mind-blowing 104MB per second with a road map to 300MB per second.

SDXC uses Microsoft's exFAT (Extended File Allocation Table) file system to support its large capacity and interoperability in a broad range of PCs, consumer electronics and mobile phones. It gives the consumer a new, yet familiar, high-performance flash memory card that will be used in hundreds of thousands of portable devices around the globe. We anticipate that devices will need to be SDXC compatible in order to use the new cards. Older flash host devices may not work with SDXC due to the new file system. As more details about this exciting new standard are released in the coming months, we'll have a better picture of how it will operate.

As digital photography / equipment sales surge to an all-time high, users (especially pro-sumers) are demanding a memory card with a spacious storage capacity and lightning-fast transfer speed. With SDXC, they will be free to adjust the picture quality to fine (or even super-fine) for maximum detail reproduction without filling the card. Countless hours of digital music and numerous movies can be stored on the SDXC memory card for people on the go.

Specifications for the open standard will be released in the 1st quarter of 2009 and the actual memory card with full support from manufacturers world-wide is expected soon after. Here at PEAK, we are always on the lookout for the latest technology with affordable prices. For a complete list of all our flash memory products, please visit us at www.peakhardware.com



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