

Samsung Announces Two-Terabyte EcoGreen Hard Drive

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Samsung Electronics today announced the F4EG, the world's highest-density, environmentally friendly hard disk drive (HDD) for the desktop market. The EcoGreen F4 features a 2-terabyte (TB) capacity - 667GB for each of its three disks - and is capable of storing up to 880 hours of DVD video or 500,000 songs in MP3 format.

The internal F4EG utilizes Samsung's high-density design technology to provide better performance, low power and improved reliability to its 'EcoGreen' hard drives.

“Storage-hungry multimedia professionals, gamers and home PC users

continue to increase the amount of video, music, photo and other personal data they store and back-up,” said I.C. Park, vice president, Storage Sales, Semiconductor Business, [Samsung Electronics](#). “The F4EG delivers all the benefits of a low-power drive yet features top performance quality and is environmentally friendly.”

With its three disks and advanced technology, the F4EG drive is 19 percent better in standby time performance and has 23 percent lower power consumption in standby mode than the previous four-disk model, the F3EG.

Eliminating halogen compound and brominated flame retardant from the PCBA, the new model is produced with eco-friendly materials and meets all the environmental regulations including RoHS (Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment) which is applied worldwide, including the European Union.

Samsung’s new hard drive utilizes its low noise operation technology SilentSeek and NoiseGuard to achieve quiet system operation.

The F4EG incorporates a 3.0Gbps SATA interface, Native Command Queuing and a 32MB [buffer memory](#). The 3.5” F4EG drive is available in 1.5TB and 2TB capacities in the United States and EU markets with a suggested price of \$119.99. Initial shipment is scheduled for early September.

Source: Samsung

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