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Foremay Launches World's Smallest SSD Disk on Chip

The OC177 DOC™ disk-on-chip solid state drive has a stunningly compact size – less than the size of a U.S. quarter coin – but with capacities up to 32GB or 64GB with a standard IDE or SATA host interface.



PASADENA, California – March 25, 2011 -

Foremay, Inc., a leader of technology innovation in solid state drives and one of the world's [Top 10 SSD](#) OEMs, has today introduced its first disk-on-chip solid state hard drive into its [OC177](#) SSD product family offering. The chip disk is a NAND drive that features a tiny dimension of only 22 x 22 x 1.8 mm. The thin and light, yet robust disk chip is marketed as DOC™. [DOC](#) supports standard IDE or SATA host interface, and complies with ATA-7 specifications. Current shipping capacity is up to 32GB with a read/write speed up to 70/40 MB/s. 64GB capacity is expected in Q3'2011.

“Foremay’s DOC drive eliminates the need to have a “disk drive” attached to the computer motherboard,” said Jack Winters, CTO of Foremay. “The DOC can be soldered directly onto the motherboard via its LGA or BGA pins, which also significantly enhances the anti-shock and anti-vibration performance from DOC equipped computers.”

The DOC chip disk is designed for high reliability and rugged embedded computing applications where ultra-compact, ultra-low profile, ultra-high anti-shock and/or ultra-high anti-vibration capability are required. Applications for DOC include:

- Embedded computers and industrial PCs
- Military, defense and aerospace applications
- Rugged laptops and handheld computing machines
- Slim laptops and notebook computers
- MID / Camcorders
- UMPC and netbooks
- GPS navigators
- PMP and gaming consoles
- POS terminals
- Handheld and mobile devices



DOC Availability

IDE/PATA DOC is now shipping in volumes with capacities up to 32GB. 64GB IDE DOC and SATA DOC are expected to be available in Q3 2011. For more information about Foremay's DOC chip disk, please contact info@foremay.net

About Foremay

Founded in the Silicon Valley in 2002, Foremay, Inc., is a leading organization dedicated to technology innovation in Solid State Drives (SSDs) for high-reliability mission-critical computing, industrial computing, enterprise computing, and high-end personal computing. Foremay's vision is to bring to market reliable, rugged and high-performance solid state drives with "Green Initiatives" in mind. Foremay is headquartered in California, USA.

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