Do more with less.

**Green Memory**

- Fully JEDEC compliant
- 100% tested to ensure optimum quality
- DDR, DDR2 & DDR3 DIMMs in capacities up to 16GB
- Very Low Profile modules (0.72” tall)
- DDR3 DIMMs offer 1.35V backward compatible to 1.5V

Leading studies suggest that the explosive growth we’ve seen in computing power has been matched by growing power demands and cooling costs. Experts predict that power-related costs within the data center will soon be larger than the IT equipment cost contained within them. The realization that power demands have been running largely unchecked has created a new movement within the computing industry, that of “Green IT”. We, at SuperTalent, want to go beyond being a DDR3 manufacturer by supporting the effort and creating a comprehensive line of “Green Memory”.

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**Our Green Memory:**

- Uses less voltage – Needs 1.35V
- Has a smaller form factor - Only 0.72” tall
- Requires less cooling
- Performs more efficiently
- Runs at higher speeds – Up to 1600MHz

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**New type of Memory -**
Offering twice the data rate of its predecessor, DDR3 also typically uses 30% less power.

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**SUPER COMPUTING SOLUTIONS**

**USB 3.0 Flash Drives:** Express RC8, SuperCrypt, SuperCrypt RC4
**Solid State Drives:** RAIDDrive II, TeraDrive CT3, TeraDrive CT2
**Memory Modules:** DDR3 RDIMM, DDR3 UDIMM, DDR2 RDIMM

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**SUPER TALENT**

2077 North Capitol Ave, San Jose, CA 95132
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Email: sales@supertalent.com
OEM sales: oemsale@supertalent.com

October 2011

www.supertalent.com
Built for the Enterprise server, our RAIDDrive SSD increases application performance and reduces latency by providing unparalleled bandwidth of up to 4GB/s. Designed to fit into a low profile server, the SuperTalent RAIDDrive can simplify your IT infrastructure while reducing operating and capital costs.

RAIDDrive II SSD

**Features**
- Perfect for Super Computing
- 2.4GB/s Read & 2.8GB/s Write
- PCIe Gen 2 host interface
- Supports RAID 0 or RAID 5

**Features**
- 8 channels SSD controller
- Virtual caching system elevates small block writes
- Perfect for running portable operating systems

**Interface**
- PCIe x8

**Controller**
- LSI ROC 2108

**Form Factor**
- PCIe

**Capacities**
- 480GB - 2TB

**NAND Flash**
- MLC

**Performance**
- Read/Write (MB/sec) 2400/2800

**Burst Speed**
- 0.1ms

**RAID Function**
- 0/5

**RAID Cache Size**
- 1GB

**Number of Port**
- 8port

**Battery Backup**
- No

**MTBF**
- >1,300,000 hrs

**Dimension**
- 231.5 x 94 x 20.6 mm

**Part Number**
- R2Sxxxx

**TeraDrive SSDs**

The TeraDrive™ line is our Enterprise offering. Exclusively featuring SandForce™ controllers, the TeraDrive represents the pinnacle of performance in Enterprise storage. Designed to deliver exceptional performance, the TeraDrive line also features state of the art algorithms to increase reliability and reduce performance degradation over time. Supporting up to 50,000 IOPS, the TeraDrive is ideal for database servers.

**TeraDrive CT3**

**Specification**
- **Controller**
  - SandForce 12xx

**Controller**
- 2.5 "

**Form Factor**
- SATA II

**Capacities**
- 55GB, 115GB, 240GB, 480GB

**NAND Flash**
- MLC

**Power Supply**
- 5V ± 10%

**MTBF**
- >1,000,000 hrs

**Dimension**
- 69.85 x 94 x 9.50 mm

**Part Number**
- FTMxxC225H

**TeraDrive CT2**

**Specification**
- **Controller**
  - SandForce 22xx

**Controller**
- 2.5 "

**Form Factor**
- SATA III

**Capacities**
- 64GB, 120GB, 240GB, 480GB

**NAND Flash**
- MLC

**Power Supply**
- 5V ± 10%

**MTBF**
- >1,000,000 hrs

**Dimension**
- 69.85 x 94 x 9.00 mm

**Part Number**
- FTMxxC325H

*Based on CrystalDiskMark v.3.0 and Asus P6T Motherboard. Performance may vary. Usable capacity is less than specified after formatting. Windows is a registered trademark of Microsoft.*