The Cactus Technologies 2.5” SATA II Solid State Drive (SSD) - 900S Series is a high capacity solid state flash memory product that complies with the serial ATA 2.6 standard and is functionally compatible with a SATA Hard Disk Drive. Cactus Technologies 900S Series SATA SSDs provide up to 256GB of formatted storage capacity.

CACTUS TECHNOLOGIES
2.5” SATA II Solid State Drive (SSD)
900S Series

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CACTUS 2.5” SATA FEATURES

- Industry Standard 2.5” Form Factor
- Card Capacities
  - 4GB to 256GB
- Supports SATA I/II 1.5/3.0 GBPS Transfer Rate
- 5V Operation
- Unique Electronic Device ID
- Traceability Barcode
- Smart Life Cycle Analysis Option
- Solid State Design
- Reliability
  - Industrial Wear Leveling
  - Industrial Error Checking & Correction
  - Less Than 1 Error in 10^14 Bits Read
  - MTBF 4,000,000 Hours
- 4-Million Hour MTBF
- 5-Year Warranty

PERFORMANCE

- Read Data Transfer Rate
  - up to 110MB/sec
- Write Data Transfer Rate
  - up to 90MB/sec

RELIABILITY

- Operating Temperature Range
  - Standard
    - 0°C to 70°C
  - Extended
    - -45°C to +90°C
- Power Consumption
  - 5.0V
  - Read
    - 205mA
  - Write
    - 250mA
  - Sleep
    - 65mA
- Shock & Vibration
  - Shock
    - 3,000G
  - Vibration
    - 20G peak-to-peak
## Cactus Technologies

### 2.5” SATA II Solid State Drive (SSD)

#### 900S Series

## INDUSTRIAL GRADE 2.5” SATA SSD

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<td>4GB to 256GB</td>
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**Cactus Technologies Limited**  
Suite C, 15/F, Capital Trade Center  
62 Tsun Yip Street, Kwun Tong  
Kowloon, Hong Kong  
Tel: +852-2797-2277  
Email: sales@cactus-tech.com

**Cactus USA**  
3112 Windsor Road  
Suite A356  
Austin, Texas 78703  
Tel: (512) 775-0746  
Email: americas@cactus-tech.com  
www.cactus-tech.com

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*[www.cactus-tech.com](http://www.cactus-tech.com)*