

FirestormLite™ SSD

Low Cost Increased System Performance

Hypertec FirestormLite™ SSDs with the SiliconMotion controller are a low cost performance SATA 6GB/s SSD ideally suited for both client SSDs as well as NAND-cache drives used in low-cost and performance-enhancing storage solution for PCs, Ultrabooks, tablet and other embedded applications.

The ultra low power consumption of the Hypertec FirestormLite™ helps to effectively extend battery life and optimise user experience.



FirestormLite™ SSD Benefits

- Reduced power requirements.
- Fast performance.
- Sustained high-speed data transfers.
- Virtually zero spin or seek times.
- No moving parts.
- Noise and vibration free.
- Features SiliconMotion controller.
- Universally compatible with all systems that take a 2.5" drive.
- Ships with a 7mm to 9mm adapter.
- 60GB to 960GB Capacities.
- 2.5" 7mm, mSATA & M.2 options available.

2.5"

	Read (up to)	Write (up to)	IOPS (up to)
60GB			
SSD2S060FS-L	500	70	38,000
120GB			
SSD2S120FS-L	540	360	55,000
240GB			
SSD2S240FS-L	550	460	75,000
480GB			
SSD2S480FS-L	560	470	80,000
960GB			
SSD2S960FS-L	520	470	80,000



Hypertec Firestorm SSD is also available as a System Specific Solution. Please contact us for further information or [CLICK HERE](#).

Technical Specification

Host Interface

- Industrial Standard SATA Revision 3.1 compliant.
- Industrial Standard ATA/ATAPI-8 and ACS2 command compliant.
- SATA 3.1 compliant, 6Gb/s, 3Gb/s and 1.5Gb/s support.
- Native Command Queuing: 32.
- SATA Device Sleep (DevSleep).
- Data Set Management Command (TRIM).
- S.M.A.R.T .
- Supports PHY Sleep mode (CFast PHYSLP) .
- Supports 28-bit and 48-bit LBA (Logical Block Addressing) mode commands.

3 years Warranty and free lifetime technical support.

Physical

- Power consumption: Typical (mW)<2.5W, Sleep: 50mW.
- Weight: <80gm.
- Operating Temperature: 0c to 70c.

Also available: Firestorm Essential™

2.5"

	Read (up to)	Write (up to)	IOPS (up to)
60GB SSD2S060SF1200SA2	550	515	90,000
120GB SSD2S120SF1200SA2	550	515	90,000
240GB SSD2S240SF1200SA2	560	525	90,000
480GB SSD2S480SF1200SA2	540	430	37,000

mSATA

	Read (up to)	Write (up to)	IOPS (up to)
60GB SSDM060SF1200SA2	555	505	80,000
120GB SSDM120SF1200SA2	555	525	80,000
240GB SSDM240SF1200SA2	560	530	80,000
480GB SSDM480SF1200SA2	540	425	30,000

1.8"

	Read (up to)	Write (up to)	IOPS (up to)
120GB SSD1120SF1200SA2	550	515	90,000
240GB SSD1240SF1200SA2	550	515	90,000

Security

- 256Bit AES Encryption.
- User selectable password.
- Secure erase (Factory Reset - ATA).
- Can be santised by cryptokey for redeployment.

Performance

- IOPS up to 90,000 (4K radom write, 4K aligned).
- Read Speed: Up to 560MB/sec.
- Write Speed: Up to 525MB/sec.