



## LSI™ MegaRAID® FastPath™ Software FAQ

### What is LSI MegaRAID FastPath Software?

MegaRAID FastPath software provides high-performance IO acceleration for Solid State Drive (SSD) virtual disk (VD) arrays connected to a MegaRAID controller card.

### How does MegaRAID FastPath software make MegaRAID controllers function?

This advanced software solution is an optimized version of LSI MegaRAID technology that can dramatically boost overall application performance when deployed with a 6Gb/s SAS MegaRAID controller connected to SSDs.

### How does MegaRAID FastPath software unlock the full performance potential of SSD drives?

With MegaRAID FastPath software enabled, MegaRAID firmware can exploit an extremely low latency IO path, fully optimized for SSD drives.

### What kind of real world performance challenge does MegaRAID FastPath software resolve?

Applications demanding ultra-high random transactions with extremely low latency.

### For which real world applications should MegaRAID FastPath software be used?

Application workloads that will benefit most from MegaRAID FastPath software with SSD volumes are those with small and random IO patterns requiring high transactional throughput, such as OLTP.

### How much SSD performance improvement does MegaRAID FastPath software provide over identical configurations without MegaRAID FastPath software?

Up to 2.5 times the random write performance and up to 2 times the random read performance.

### Which MegaRAID controllers support MegaRAID FastPath software?

Initially, MegaRAID advanced software options will be available as a physical key that can be installed on select MegaRAID SATA+SAS controllers. These include the MegaRAID SAS 9260-4i, 9260-8i, and 9280-4i4e. In the future, the advanced software options will be available via electronic licenses and will be supported on the full line of MegaRAID SAS 9260 and 9280 series controllers.

### What operating systems are supported with MegaRAID FastPath software?

All supported operating systems for given MegaRAID controller

### Can I combine MegaRAID FastPath software with other advanced software from LSI (ie Recovery, CacheCade, SafeStore™, etc)?

The initial launch of advanced software, including MegaRAID FastPath software, will utilize physical keys that are installed on select MegaRAID SATA+SAS controllers. The MegaRAID FastPath software will be offered as a stand-alone key OR as a bundle with the CacheCade software pack, which includes both MegaRAID FastPath and CacheCade software on one physical key. In the future, with electronic license fulfillment, customers will have the ability to choose or combine as many advanced software options as they would like for their MegaRAID controller.

### What does it cost and how do I buy MegaRAID FastPath software?

MegaRAID FastPath software has a suggested retail price of \$165 and is available through the LSI worldwide network of distributors, integrators and VARs.

<http://www.lsi.com/channel/WhereToBuy>

For more information and sales office locations, please visit the LSI web sites at:

[lsi.com](http://lsi.com)    [lsi.com/channel](http://lsi.com/channel)

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