

SATA 6Gb/s Interface

Automatic Encryption RAISE SATA 6Gb/s Interface

With the increasing needs for transferring large amounts of data, pictures, videos, and music, the importance of a high-speed storage interface increases. The SATA 6Gb/s interface is the latest evolution of SATA technology that removes the performance bottleneck from storage devices.

Benefits of SATA 6Gb/s for any storage device:

- enables the transfer of large amounts of data at a much faster rate
- provides greater bandwidth for emerging high-performance storage solutions that take advantage of the increased transfer rates
- faster transfer of short bursts of data to and from the drive cache
- higher bandwidth aggregation achieved through port multipliers

The SandForce SF-2000 family of SSD Processors is designed to auto-negotiate SATA 6Gb/s, 3Gb/s and 1.5Gb/s interface speeds. This enables SandForce Driven™ SSDs based on SF-2000 SSD Processors to take advantage of the high speed SATA interface and deliver the performance that maximizes the throughput of a 6Gb/s interface with a balanced read/write performance.



A Division of Gennum Taking advantage of the expertise of Snowbush in high-speed serial interface IP, SandForce integrated their SATA PHY IP in the SandForce SF-2000 SSD processors.