Small, Fast, Efficient

Small form factor, big performance, low power:
Stay ahead of the competition when you move up to 6.0 gigabits per second (Gb/s) performance

Intel Evolving Storage Technology

Intel® Solid-State Drives (Intel® SSDs) continue to evolve with the Intel® SSD 500 Family. Available in a wide range of capacities, the Intel® Solid-State Drive 525 Series offers great performance and low power consumption in a package one eighth the size of a 2.5-inch hard drive.

New Level of Performance for Small Form Factor Products

The Intel® SSD 525 Series accelerates PC performance where it matters most. With random read performance up to 50,000 input/output operations per second (IOPS)[1] and sequential read performance of up to 550 megabytes per second (MB/s)[1], your PC will blaze through the most demanding applications and will handle intense multi-tasking needs. Couple that read performance with random writes up to 80,000 IOPS[1] and sequential writes of 520 MB/s[1] to unleash your applications. With the Intel® SSD 525 Series, Intel continues to deliver solutions designed to satisfy the most demanding usage models in notebooks, embedded applications, and workstation upgrades. Beyond notebooks there is potential for the Intel® SSD 525 Series to bring enhanced performance to automotive, signage, embedded video, and retail, solutions.

Superior Data Protection Features

The new Intel® SSD 525 Series comes with Advanced Encryption Standard (AES) 128 bit encryption capabilities. In the event of theft or loss of your computer, your data has the added protection of an advanced encryption technology.

Proven Reliability with Lower Operating Costs

With no moving parts, the Intel® SSD 525 Series reduces your risk of data loss due to shock, vibration, or jarring, all while consuming less power than a traditional hard drive—reducing recurring costs and increasing portability. Use the Intel® SSD 525 Series in notebooks, Ultrabooks™, All-In-One (AIO) Desktops, and embedded designs, knowing that your data is benefitting from advanced security features and world-class performance.

World-Class Reliability – Better by design

Using industry leading, compute-quality Intel® 25nm NAND Flash Memory manufacturing processes the Intel® SSD 525 Series continues to offer even better performance than previous generation Intel mSATA drives, with increased features, that drastically outperforms traditional hard disk drive drives by an even greater margin.