EDGE MEMORY

EDGE Boost Pro Enterprise SSD

EDGE™ Boost Pro Enterprise Solid State Drives (SSDs) are designed as an enterprise level replacement solution for traditional spinning disk hard drives. The result is a faster, lighter, more durable, and more reliable solution primed to replace outdated hard drives. Boost SSDs are both PC and Mac compatible and will work in almost any computer or server with a SATA interface.

Using Enterprise MLC (eMLC) flash, the Boost Pro Enterprise SSD provides up to 10x greater flash endurance than MLC flash. Power Loss support protects against data loss in the event of system power failure—an essential function for servers and mission critical applications. SSDs without power loss protection are prone to corruption or complete failure if a system suddenly loses power. An enterprise level SandForce 2582 controller provides drive enhancements while ultra fast read and write speeds are achieved. Exceptional speeds, coupled with a high max IOPS rating, provide excellent performance gains in boot times, file transfers, and software application loading.

Security is a critical feature of the Boost Pro Enterprise SSD, featuring 256-bit AES hardware encryption that secures 100% of data when enabled.** The feature rich-SandForce controller comes standard with robust tools such as S.M.A.R.T., Garbage Collection, wear leveling, and ECC to promote stability and reliability. SandForce-exclusive functions— Durawrite and RAISE—further enhance data efficiency and increase the lifespan of the SSD.

*Based on EDGE testing results. Performance may vary depending on OS, configuration, etc.
**Consult your computer's manual to ensure drive encryption is a supported function of the BIOS.

memory   solid state drives   hard drives   flash drives   flash cards

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Enterprise Grade Reliability
Peace of Mind for IT Administrators Everywhere

- **Ideal for servers and mission critical applications**
- **Up to 5x** faster boot times, and substantial gains in file browsing and application load times*

Dependable

Enterprise MLC flash (eMLC) equipped—provides up to 10x greater flash endurance than MLC flash.

Power Loss support—protects against data loss in the event of system power failure, preventing data corruption and drive failure.

Full Disk Encryption (FDE) 256-bit AES hardware encryption—secures 100% of data when enabled.**

Extreme Durability

No moving parts—much more durable and reliable than traditional hard drives that use a spinning disk.

Less Power Consumption—more energy efficient, and runs cooler.

Robust

Best-In-Class SandForce SF-2582 Controller

SandForce Driven, enterprise level controller. Includes a full complement of performance and stability enhancing features: TRIM, ECC, Garbage Collection, S.M.A.R.T., Durawrite, RAISE, and more.

Five-year limited warranty
Toll-free tech support

MADE IN THE U.S.A.
TAA COMPLIANT

EDGE Part Numbers:

100GB / 200GB / 300GB / 400GB

Some capacity used for formatting and not available for storage.

SandForce DRIVEN

Technical Specs:

Form Factor — 2.5", 9.5mm height

Connectivity — SATA 6Gb/s (SATA III) - also compatible with SATA I and SATA II systems

Weight — 0.2 lbs

Dimensions — 3.94" (L) x 2.73" (W) x 0.38" (H)

Capacity	Read (MB/s)	Write (MB/s)	Max IOPS (write)
100GB	555	530	80,000
200GB	560	535	80,000
300GB	540	460	45,000
400GB	540	515	45,000

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**Consult your computer's manual to ensure drive encryption is a supported function of the BIOS.*

Life Expectancy — 2,000,000 hrs MTBF

Flash Type — eMLC

Write Endurance — Up to 10x greater flash endurance than MLC flash

Power Consumption — .8W (Idle) 3W (Typical Active) 5W (Max Active)

Power Loss Support — Protects against data loss in the event of system power failure

Encryption — 256-bit AES hardware encryption**

Controller — SandForce SF-2582

Operating Temperature — 0°C - 70°C

Storage Temperature — -55°C to 95°C

Shock Resistance — 1500G/1ms

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