

BrightDrive Low-latency SAN Server High-Performance File Sharing Expert.



FibreChannel SAN-in-a-box. Long-term high performance. Maintenance-free.

BrightDrive Astella Fx combines the **power and intelligence of BrightDrive** in a **convenient and affordable** entry-level solution.

With the embedded meta-data server and integrated FC connectivity, there is no need for further investment in hardware. And with a **maintenance-free server file system** without fragmentation, randomization, and interleaved files you won't suffer from performance loss or unplanned downtime - ever.

BrightDrive Astella provides a mature Administration GUI that will simplify your daily routines significantly.

Tech Specs

Server Chassis

4U server enclosure with rack mount kit, dual FRU power supplies/fan assemblies, and 12Gb SAS drive backplane

Metadata Chassis

Embedded

UPS + PDU

not applicable

RAID Specs

2 x RAID6 plus 1 x RAID1 in a single controller configuration with 48GB of RAM (upgradeable to 1TB)

Drive Support

36 x 3.5-inch SAS hot-swap hard drives, (optional 2 x SSD cache)

Workspaces

1 embedded BrightClip™ workspace

Operating System

Linux

Supported Client OS

Windows, MAC OSX, Linux

Supported File Systems

StorNext® 4.x/5.x, HyperFS™

Connectivity

FibreChannel: 4 x 16-GbE (expandable to 8 x 32-Gbit),

Ethernet: 2 x 10Gbit (optional 2 x 40Gbit)

34TB, 68TB, 102TB, 136TB, 204TB, 272TB and 340TB

Convertible to shared storage with a dedicated BrightDrive server

up to 4 streams (2K) or 2 streams (4K)

No

Warranty

Yes, 12 months with advanced replacement;

Warranty extension optional

Service Available

Full service and support



BrightClip 2.0 Increase Performance, Decrease Fragmentation.

BrightDrive Astella Fx comes with BrightClip™, our patent-pending advanced recording technology.

BrightClip is the intelligent solution that takes control of the file system and guarantees **optimal file layout on the storage subsystem** - in real-time and always up-to-date.

But BrightClip is much more than ordinary file allocation. BrightClip:

- Understands file sequences.
- Is file format agnostic.
- Dynamically and intelligently adjusts allocation sizes.
- Eliminates performance loss due to file fragmentation, randomization and interleaving.

BrightClip is the unique solution that is 100% effective - always.

Advanced Software Technologies **for media.**



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TECHNOLOGIES