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

BrightDrive
ASTELLA Dx

Ethernet-based SAN-in-a-box.
Maintenance-free MDC paired with storage.

BrightDrive Astella Dx combines the **power and intelligence of BrightDrive** in a **convenient and affordable** entry-level solution - and allow for the first time to leverage enormous benefits of BrightClip® in an Ethernet-based SAN.

A **maintenance-free server file system** without fragmentation, randomization, and interleaved files **drastically reduces maintenance effort** while the system will still never suffer from performance loss or unplanned downtime - ever.

In addition, the mature **Administration GUI simplifies** daily routines significantly.

Tech Specs

Server Chassis	4U server enclosure with rack mount kit, dual FRU power supplies/fan assemblies, and 12Gbit 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 Distributed LAN Client (DLC) SAN, HyperFS™
Network Shares	NFS, SMB, AFP
Connectivity	Ethernet: 2 x dual-port 10Gbit NICs (expandable to 4 x 10Gbit or 2 x 40Gbit dual port NICs)
Capacity Options	34TB, 68TB, 102TB, 136TB, 204TB, 272TB and 340TB
Scalability	Convertible to shared storage with a dedicated BrightDrive server
Number of Streams	4GB internal RAID speed
High Availability	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 Dx 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.*

BRIGHT
TECHNOLOGIES