

Next Generation Data Storage

FUJITSU Storage ETERNUS AF
All-Flash Storage



Intel® Xeon® processor



Accelerate, modernize and transform

It's not long since flash storage was reserved for services demanding maximum performance at any cost – like databases, analytics and trading apps. That was yesterday. With SSDs fast replacing hard drives as the new normal in IT infrastructure, think what it could do for your business. Flash is fast – with around 500 times better response times than disks. Enterprise Flash is by factors more reliable than HDDs and is becoming increasingly attractive – with prices in freefall, budget constraints don't have to stand in the way. And flash storage is a space-efficient, eco-friendly technology, providing higher den-

sity and consuming dramatically less energy for power and cooling than traditional drives. The FUJITSU Storage ETERNUS AF delivers all these advantages to the max. With ultra-low response times that set performance records, mirroring and transparent failover for non-stop operation, automated quality of service to minimize admin work, and flexible configuration for deduplication/compression capabilities, this system accelerates, modernizes and transforms your data center into a flash new world.

→ Learn more about ETERNUS Storage:
www.fujitsu.com/eternus

shaping tomorrow with you

FUJITSU

All-flash storage: fresh challenges

The economics of flash technology are more compelling than ever, and companies are beginning to transform tier-1 storage to all-flash for nearly all data services. To be ready for the challenges – like efficiently integrating all-flash and disk storage, using optimization technologies flexibly, and providing business continuity – it's best to work with a partner who can make it happen: Fujitsu with ETERNUS AF.

ETERNUS AF – the new business driver



- Less gear to manage
- More capacity per array
- Take out risk with 5x faster rebuilds
- Automate manual tasks
- Forget about performance tuning
- Enjoy guaranteed Quality of Service
- Automate for the worst case

| | ETERNUS AF150 S3 | ETERNUS AF250 S3 | ETERNUS AF650 S3 |
|--------------------------|--------------------------|---|--|
| CPU | 4 core, 2.2 GHz | 8 core, 2.2 GHz | 12 core, 2.6 GHz |
| Max system memory | 32 GB | 128 GB | 1536 GB |
| Number of drives | 2 - 24 | 2 - 264 | 2 - 1056 |
| Max capacity* | 92 TB raw | 8,110 TB raw 40,550 TB effective** | 32,440 TB raw 162,200 TB effective** |
| Interface | 8x FC 16G / 8x iSCSI 10G | 8x FC 32G / 16x FC 16G / 8x iSCSI 10G | 32x FC 32G / 32x FC 16G / 16x iSCSI 10G |
| Included software | ETERNUS SF Express | All-in FlashPack (Configuration, Management and Administration, Local and Remote Copy, Automated Quality of Service, Deduplication and Compression) | |

* Maximum raw capacity depends on available types. ** Calculation based on deduplication/compression factor of five.

ETERNUS AF performance compared to disk systems



10x
more IOPS



5x
better \$/IOPS
ratio



10x
higher density



85%
savings for power
and cooling



8x
less cost for
maintenance

Time to flash

With ETERNUS AF, you enjoy ultra-low response times that set performance records.

The flash diet

"Always on" data reduction can extract a significant performance toll. With ETERNUS AF, you can switch deduplication/compression on when you need to optimize capacity, and keep it off for high-performance SLAs.

Smart operations

With automated quality of service, you can assign priorities to applications. So instead of data performance being used at random, you can make certain each service gets the performance it needs.

Find out more:

→ Visit www.fujitsu.com/eternus to find out how ETERNUS AF can take your data center into the world of flash.

100% data insurance

ETERNUS AF features full DR with mirroring and transparent failover. If the primary site fails, the secondary storage takes over – quietly and smoothly. Furthermore: failover can be executed between ETERNUS all-flash and disk models.

Keep it simple

ETERNUS AF has simplicity designed in. And that applies to everything. The GUI, the setup, daily operation and license model: end to end, the ETERNUS AF has it all covered, freeing up your time for value-adding activities.

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