

Great value storage solution for SMBs that delivers outstanding IOPS up to 780K

Performance

- Up to 780K IOPS accelerate all storagerelated operations
- Massive storage throughput of up to 5,500MB/s read and 1,900MB/s write
- 40% over EonStor DS 1000 series

SSD Cache

- Accelerated read performance for hot data
- Up to four SSDs per controller
- Large SSD cache pool capacity: up to 3.2TB

Data services

- Optional 2-level/4-level automated storage tiering leverages the advantages of different storage media, including SSDs for high performance
- Optional secure remote replication backs up data to offsite locations to ensure disaster recovery readiness
- Compatible with self-encrypting drives (SED)
- Snapshot, volume copy/mirror, thin provisioning and more

Backup power

- Super capacitors are good for the life of the system
- Paired with flash module to cache data during outages

Modular hardware

- 12Gb/s SAS, 16Gb/s FC, and 10Gb/s iSCSI available
- Systems ship with four 1Gb/s iSCSI ports per controller
- Single or dual controllers
- Hybrid hosts for SAN/IP SAN and DAS in one
- Converged host board with 3 connectivity options to choose from (16Gb/s FC, 8Gb/s FC, and 10Gb/s iSCSI SFP+)

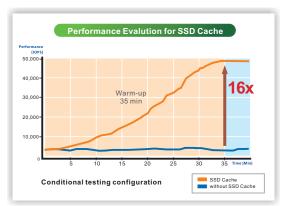
The EonStor DS 2000 series is the most advanced entry-level product range from Infortrend. It delivers powerful performance, wide scalability, and enterprise data services. Those include SSD Cache, automated storage tiering, remote replication, and many others. The series is ideal for SAN, IP SAN, and DAS deployments with the flexibility of hybrid host interfaces and modular hardware. With uncompromising quality and reliability, these complete systems place advanced enterprise-class capabilities and services within convenient and affordable reach of small to medium businesses and enterprises.

High speed storage comes to SMB

Up to 780K IOPS accelerate all storage-related operations, including rebuild and recovery. High IOPS capability prevents bottlenecks with ample computing power, enabling greater productivity and major time savings. Massive storage throughput of up to 5,500MB/s read and 1,900MB/s write handles even very demanding workloads and delivers spectacular efficiency, over 40% improved performance compared to the EonStor DS 1000 series thanks to more advanced processing components. Better still, this performance is achieved while strictly maintaining the same cost-performance ratio!

Storage acceleration with SSD Cache

EonStor DS 2000 systems support large high speed SSD cache pools. SSD Cache speeds up read performance for priority data, and boosts cache pool capacities up to 3.2TB. As many as four SSDs per controller can be used, including SATA disks. In addition to faster read speeds, SSD Cache reduces performance impact compared to spin-drive caches with rapid warm up and less drive wear. Configuring and managing SSD Cache pooling is easy via the intuitive SANWatch UI.



- * SSD Cache speeds up read performance by up to 16 times for frequently-accessed
- * Actual performance gains can vary depending on customer applications

EonStor DS 2000 series

Scalability

- Up to 360 drives via JBOD expansion
- JBODs available in diverse form factors
- Support for high density 4U 60-bay JBOD expansion

User friendly

- Intuitive SANWatch and RAIDWatch interfaces
- Command line interface customization
- User friendly yet sophisticated UI with full access to features

Green design

- Redundant 80 PLUS power supplies
- Accommodate 2.5" and 3.5" drives (hybrid tray)
- Intelligent drive and fan spin-down

Enterprise-class data services

Access a segment-leading range of data services, unmatched by competing models from other storage vendors. Improve security with support for self-encrypting drives (SED), and tap optional 2-level or 4-level automated storage tiering to make the most of SSD performance and NL-SAS or SATA capacity – maxing performance and utilization. Optional secure remote replication ensures disaster recovery readiness, and systems include licenses for snapshot, volume copy/mirror, and thin provisioning.

Flexible hybrid host and modular hardware

Systems ship with four 1Gb/s iSCSI ports per controller for out-of-the-box connectivity to various clients with a combination of speed and stability, but can easily transform with hybrid host interfaces. Users can mix and match different standards: options include 16Gb/s Fibre Channel, 12Gb/s SAS, and 10Gb/s iSCSI among others. Hybrid host interfaces support storage multitasking, allowing the robust bandwidth of Fibre Channel with the high speed connectivity of iSCSI or SAS, for example. Systems offered with single or dual high availability controllers. Drives are hot-swappable, as are the redundant power supplies.

Big and wide scalability drives growth

EonStor DS 2000 systems are highly scalable with compatible JBOD expansion enclosures, giving your organization added capacity as the need for more space emerges. They support up to 316 drives total and are compatible with large individual disks in capacities such as 6TB and 8TB. JBODs connect via fast and reliable 6Gb/s SAS and are offered in various form factors, including high density 4U 60-bay units.



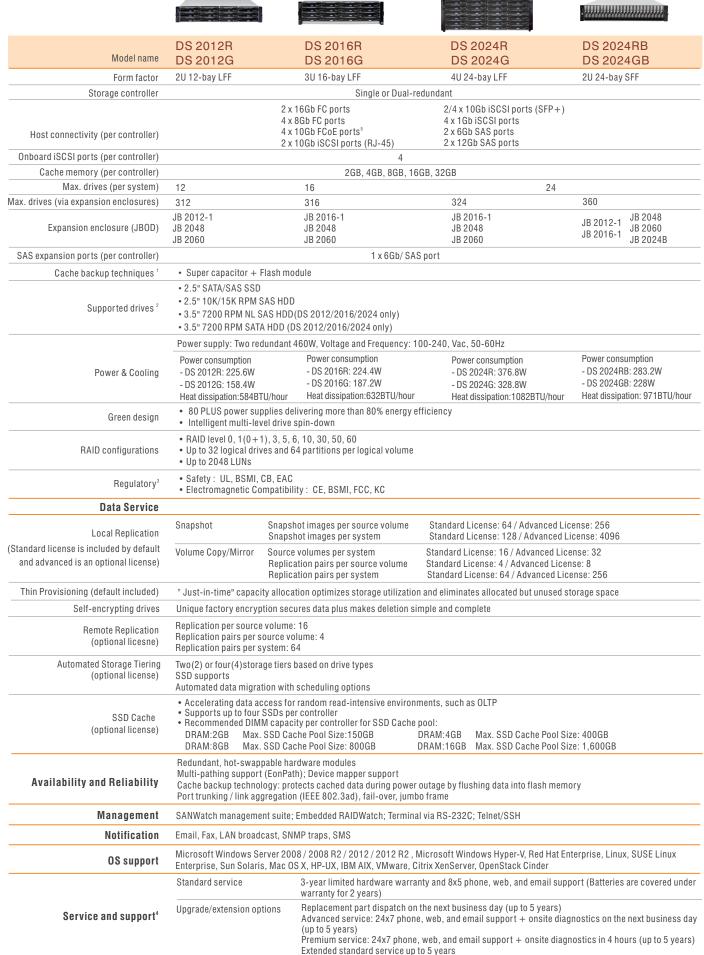








Technical Specifications



^{1.} FonStor DS 2000G models; super capacitor and flash module, not included by default

⁴ . All EonStor DS systems ship with standard service. Extended service terms may vary by region 5 . 4-port 10Gb FCoE will be released in Q1, 2016.

^{2.} For the latest compatibility details, refer to our official website for the latest EonStor DS Compatibility Matrix
3. Check with your local sales representative for complete details.



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