Technical Specifications

Model name	DS 3060R DS 3060G	DS 3060RT DS 3060GT
Form factor	4U 60-bay LFF	
Storage controller	Single or dual-redundant	
Host connectivity (per controller)	2 x 16Gb FC ports 4 x 8Gb FC ports 2 x 10Gb iSCSI ports (RJ-45) 2/4 x 10Gb iSCSI ports (SFP+)	4 x 1Gb iSCSI ports 2 x 6Gb SAS ports 2 x 12Gb SAS ports 2 x 40Gb iSCSI ports
Onboard GbE ports (per controller)	2 x 1Gb iSCSI ports	
Cache memory (per controller)	2GB, 4GB, 8GB or 16GB	
Max drives (per system)	60	
Max drives (via expansion enclosure)	360	
Expansion enclosure (JBOD)	JB 2060	
SAS expansion ports (per controller)	1 x 6Gb/s SAS 4x wide port	
Cache backup technologies [1]	BBU + flash module	
Supported drives [2]	• 2.5" SAS SSD • 2.5" SATA SSD (DS 3048GT/3060GT only) • 2.5" 10K RPM SAS HDD	• 2.5" 15K RPM SAS HDD • 3.5" 7200 RPM NL SAS HDD • 3.5" 7200 RPM SATA HDD (DS 3048GT/3060GT only)
Power & cooling	Power supply: Two redundant 1600W Voltage and frequency: 200-240VAC, 47-63Hz Power consumption - DS 3060RT: 977W - DS 3060GT: 891W Heat dissipation: 2590BTU/hour	
Green design	80 PLUS power supplies delivering more than 80% energy efficiency Intelligent multi-level drive spin-down	
RAID configurations	RAID level 0, 1(0+1), 3, 5, 6, 10, 30, 50, 60 Up to 32 logical drives and 64 partitions per logical volume	
Max. number of partitions supported	Up to 2048(LUNs)	
Max. mappable LUNs per system	4000	
Regulatory [4]	• Safety : UL, BSMI, CB, EAC • Electromagnetic compatibility : CE, BSMI, FCC, KC	
Data services	Snapshot: Snapshot images per source volume — Standard license: 64 / advanced license: 256 Snapshot images per system — Standard license: 128 / advanced license: 4096	
	Local replication [3] — Volume copy/mirror: Source volumes per system — Standard license: 16 / Advanced License: 32 Replication pairs per source volume — Standard license: 4 / advanced license: 8 Replication pairs per system — Standard license: 64 / advanced license: 256	
	Thin provisioning: " Just-in-time" capacity allocation optimizes storage utilization and eliminates allocated but unused storage space	
	Self-encrypting drives: Unique factory encryption secures data plus makes deletion simple and complete	
	Remote replication [6]: Replication per source volume: 16 Replication pairs per source volume: 4 Replication pairs per system: 64	
	Automated storage tiering [6]: Two (2) or four (4) storage tiers based on drive types SSD supports Automated data migration with scheduling options	
	SSD cache (optional license): • Accelerating data access for random read-intensive environments, such as OLTP • Supports up to four SSDs per controller • Minimum requirements: 4GB per controller • Recommended DIMM capacity for SSD Cache pool: DRAM:4GB Max. SSD cache Pool size: 400GB — DRAM:8GB Max. SSD cache Pool size: 800GB DRAM:16GB Max. SSD cache Pool size: 1,600GB — DRAM:32GB Max. SSD cache Pool size: 3,200GB	
Availability and reliability	Redundant, hot-swappable hardware modules Multi-pathing support (EonPath), device mapper support CacheSafe technology: protects cached data during power outages by flushing data into flash memory Port trunking / link aggregation (IEEE 802.3ad), failover, jumbo frame	
Management	SANWatch management suite, embedded RAIDWatch, terminal via RS-232C, telnet/SSH, LCD keypad panel	
Notification	Email, SNMP traps	
OS support [2]	Microsoft Windows Server 2008 / 2008 R2 / 2012 / 2012 R2, Microsoft Windows Hyper-V, Red Hat Enterprise Linux, SUSE Linux Enterprise, Sun Solaris, Mac OS X, HP-UX, IBM AIX, VMware, Citrix XenServer, OpenStack Cinder	
Service and support [5]	Standard service: 3-year limited hardware/software warranty and 8x5 phone, web, and email support (Batteries are covered under warranty for 2 years)	
	Upgrade/extension options: Replacement part dispatch on the next business day (up to 5 years) Advanced service: 9x5 phone, web, and email support + onsite diagnostics on the next business day (up to 5 years) Premium service: 24x7 phone, web, and email support + onsite diagnostics in 4 hours (up to 5 years) Extended standard service up to 5 years	

1. EonStor DS 3000G models: BBU + flash module optional and not included by default.
2. For the latest compatibility details, refer to our official website for the latest Compatibility Matrix.
3. Standard functions come default with EonStor DS systems. Advanced functions are available with optional licenses.
4. Check with your local sales representative for complete details.
5. All EonStor DS systems ship with standard service. Extended service terms may vary by region.
6. Remote replication and automated storage tiering functions are available with optional license.

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