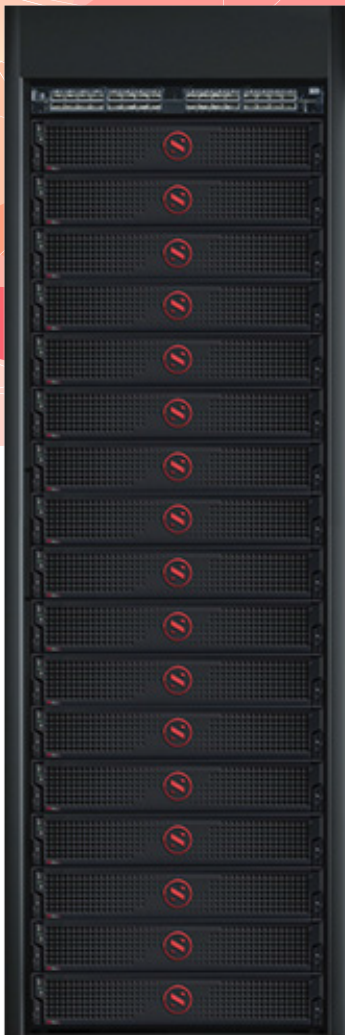




# HYBRID SERIES

Massive Capacity and Performance



NGX-H1000 Datasheet

Maximum Drives	Up to 400
Maximum RAW Capacity	1.2 PB
Controller Form Factor	2U
Supported Drives	SAS(10K,15K), NL-SAS(7.2K), SSD, NVMe, FC
Maximum DRAM Cache	256 GB
Host I/O Ports	Fibre Channel: 4/8/16Gb/s Ethernet Ports: 1,10,25,40Gbit SAS Ports: 6/12GB SAS Lanes
High Availability Features	<ul style="list-style-type: none"> <li>• Active-Active Dual Controller</li> <li>• Redundant hot swap disk drives, power supplies and fans</li> <li>• Self-Healing array, Intelligent and Auto Data Rebuild Technology</li> <li>• Non-disruptive software and firmware upgrades</li> <li>• AI and ML driven predictive analytics</li> <li>• Cloud based proactive support and system monitoring</li> </ul>
Storage Protocols	<ul style="list-style-type: none"> <li>• Fibre Channel, iSCSI, NFSv3, NFSv4, SMB3/CIFS, S3</li> </ul>
Supported RAID Levels	<ul style="list-style-type: none"> <li>• 0, 1, 5, 6, 50, 60, RAID-TP, TP-Mirror, Striped Tripple Parity</li> </ul>
Supported Operating Systems and Hypervisors	Windows Server 2008, Windows Server 2012, Windows Server 2016, Windows Server 2019, Linux® (Pardus, RedHat, SuSE, Centos, Debian, Ubuntu, Oracle), Oracle® Solaris, AIX, HP-UX, Mac® OS, FreeBSD, NetBSD, VMware®, Hyper-V, Citrix
Software Features	<ul style="list-style-type: none"> <li>• Inline Compression, Deduplication, Zero Detection, UNAMP/TRIM, Copy Reduction</li> <li>• Instant Snapshots, Scheduled Snapshots, Instant Clones</li> <li>• Synchronous Remote Replication</li> <li>• Async Remote Replication</li> <li>• Adaptive Flash Cache, Auto Cache Tiering, Data Tiering</li> <li>• Thin Provisioning, Thin Snapshot, Thin Clone</li> <li>• Non-disruptive Disk Pool Expansion</li> <li>• Non-disruptive Volume and Share Expansion</li> <li>• Quota and Space Reservation</li> <li>• Quality of Service and Application Priority</li> <li>• Cloud Backup and Cloud Restore (Amazon S3, Google Cloud, OpenStack Swift)</li> <li>• Active Directory and LDAP Integration</li> <li>• VMware VAAI and Microsoft ODX compatible</li> <li>• CIFS/SMB File Version Control</li> <li>• HTTP(S) RESTful API</li> </ul>
Alert - Monitoring Protocols	Responsive Web UI, SNMP (v2/v3), SNMP Trap, E-Mail, Cloud Monitoring
Connected Hosts	Unlimited
Maximum Number of Volumes	Unlimited
Maximum LUN Capacity	Unlimited
Maximum Snapshots	Unlimited
Maximum Volume Clone	Unlimited
Maximum Remote Replication Profiles	Unlimited
Maximum Flash Cache Size	Unlimited
Maximum Cloud Backup/Restore Profiles	Unlimited
Regulatory and Compliance	EN 60950-1, CISPR 22/CISPR 24 and EN 55022/55024 , Energy Star 2.0



## ABOUT NGX STORAGE

NGX Storage delivers the unified all-flash arrays and hybrid storage solutions for enterprises as a key enabler to build next generation data infrastructures. We are designed our products collaboratively with end users, cloud architects and big data experts to shape industry's most demanding storage workloads.

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