

Datasheet

TRUSTER® SN6300z

De ce să aleg un sistem de stocare **TRUSTER®** SN?

- Sunt realizate pe platforme cu chipset **Intel®**, ce și-au dovedit de-a lungul timpului calitatea și stabilitatea în funcționare.
- Mai mult, folosesc numai componente testate și certificate.
- Sistemele de stocare **TRUSTER®** SN sunt produse sub standardul de calitate **ISO 9001**.
- Beneficiază de suport tehnic în perioada de garanție și postgaranție.

Sistemul de stocare **TRUSTER®** SN6300z este bazat pe sistemul de fișiere ZFS și este compus dintr-un modul de bază (head) cu două controllere redundante ce se poate conecta cu unul sau mai multe module de expansiune (JBOD enclosure) prin link-uri SAS3 x4 (48Gbps). Modulul head dispune de 16 bay-uri 3.5"/2.5" și permite extinderea până la peste 600 bay-uri 3.5"/2.5" prin adăugarea de module de stocare externe, 2U – 4U. SN6300z este un sistem de înaltă disponibilitate și scalabilitate, bazat pe cele mai noi tehnologii existente pentru soluțiile de stocare multiprotocol. SN6300z este un sistem de stocare din clasa enterprise ce acopera necesitățile companiilor sau instituțiilor guvernamentale care operează cu volume mari și foarte mari de date.



Facilități și beneficii:

- sistem de fișiere ZFS
- dual controller cu 16 bays 3.5"/2.5", expandabil la minim 600 bay-uri
- conectivitate host: standard: 2x 10Gbps RJ45 ethernet ; optional 8/16Gbps FC, 10Gbps SFP+ sau Infiniband QDR/FDR
- alimentare și racire redundanta
- fiabilitate ridicată

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TRUSTER® SN6300z	
Cod: DS-SN6300z-1805-Rev.03	
Head	Dual controller, redundant, hot-swap; dual processor
Head Platform	LAN integrated: each with 2x 10Gigabit Ethernet RJ45; 1x RJ45 IPMI port
Head memory / Cache	Standard: each node 16GB DDR4 ECC, up to 1024GB Up to 64GB cache for each controller
Head bays	Up to 16 hot-swap 3.5"/2.5"; Support SAS3 12Gbps
Host ports	Standard: each with 2x 10Gigabit Ethernet RJ45; option for: up to 8ports 16Gbps Fiber Channel ports, 10Gbps SFP+ ports, Infiniband QDR/FDR ports
HA features	<ul style="list-style-type: none"> • Automatic failover • No SPOF (Single Point of Failure)
Storage expansion ports	Standard: each with 1x SAS x4 SFF-8644 port Option: up to 5x SAS x4 SFF-8644 ports for each controller
Block-based storage Protocols	<ul style="list-style-type: none"> • iSCSI • Fiber Channel (FC) • Infiniband (IPoIB, SRP)
File-based storage Protocols	<ul style="list-style-type: none"> • CIFS • AFP • NFS
Embedded OS features	<ul style="list-style-type: none"> • WEB and CLI based management • Multiple filesystems support • Multiple network file services support • Network load balancing and failover • AST – automated storage tiering • Asynchronous and synchronous replication (local and remote)
File system features	<ul style="list-style-type: none"> • Data Integrity (protect the user's data on disk against silent data corruption caused by bit rot, current spikes, bugs in disk firmware, ghost writes) • LUN acces by CHAP • Snapshot • Clone • Copy-on-write transactional model • Dynamic striping • Variable block sizes • Lightweight filesystem creation • Cache management

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	<ul style="list-style-type: none"> Adaptive endianness Deduplication Explicit I/O priority with deadline scheduling Multiple independent prefetch streams with automatic length and stride detection Parallel, constant-time directory operations End-to-end checksumming Transparent filesystem compression Intelligent scrubbing and resilvering (resyncing) Load and space usage sharing among disks in the pool Per-user and per-group quotas support Pools can be imported in read-only mode Transactions at the time of importing the zpool no FSCK needed
STORAGE features	<ul style="list-style-type: none"> Max File System Size : 256 x 10²⁴ TB Max Internal Volume # : limited by HDDs number and capacity Max iSCSI Target # : 4096 Max iSCSI LUN # : 4096 Volume Expansion with Larger HDDs : Yes Volume Expansion by Adding a HDD : Yes
RAID features	<ul style="list-style-type: none"> 0, 1, 10, 5 (z1), 6 (z2), 7(z3), 50 (z1 striping), 60 (z2 striping), 70 (z3 striping), N-way mirroring Automatic drive failover, detection and rebuild using global hot spare drives Multiple Global or Dedicated hot-spare Online volume expansion (for striping and mirroring only) Instant RAID volume availability
File Sharing Capability	<ul style="list-style-type: none"> Max User Accounts : 16.384 Max Groups : 16.384 Max Shared Folder : no limit Max Concurrent CIFS/AFP/FTP/SFTP Connections : limited by TCP/IP stack Full Posix Compliant Access Control List (ACL)
Virtualization	<ul style="list-style-type: none"> VMware vSphere 4, 5, ESX, ESXi Microsoft Hyper-V Citrix Ready RedHat KVM
OS Support	<ul style="list-style-type: none"> Windows 2003, 2008, 2012, 2016 Linux – any distribution SUN Solaris IBM AIX VmWare ESX/ESXi Mac OS X
Management	<ul style="list-style-type: none"> Administrator Group Email Notification SSH Telnet

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	<ul style="list-style-type: none"> • SNMP • Customized User Quota • Syslog Support • IPv4 & IPv6 Support • VLAN support • Resource Monitor • Scheduled Power Off • Custom Management HTTP/HTTPS Ports
Supported devices	SAS: 16x 3.5"/2.5" bays in head module;
	HDD SAS3 300, 600, 900GB 15000rpm; HDD SAS3 1, 2, 3, 4, 6, 8, 10, 12TB 7200 rpm; HDD SAS3 300, 500, 600, 1200, 1800GB 10.000rpm; SSD SAS3 any capacity
	Hot-swap
Chassis	Head enclosure: 3U rackmount, 1+1 1200W power supply, 200 – 240Vac 50-60Hz, max. 8.5A
	More than 600 bays by adding single/Redundant SAS or SATA JBOD enclosures: 2U, 3U, 4U with 2.5" / 3.5" bays; JabXcd, ab=bays number, cd=bay form factor; J24X25, J12X35, J16X35, J24X35, J36X35, J44X35, J72X25, J88X25, J90X35
Certifications	CE Mark (SR EN 60950-1:2006 + A11 :2009 + C91 :2010 + A1:2011 + A12:2011 + AC:2011 + A2:2014 / SR EN 55022:2011 + AC:2011 + SR EN 55024:2011), ISO9001, ISO14001, RoHS, WEEE
Environment	Operating temperature: 5 – 35C; Storage temperature: -25C – +60C; Umiditate relativa: 8 – 90% fara condensare
Accessories	Manual, rack mounting kit

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