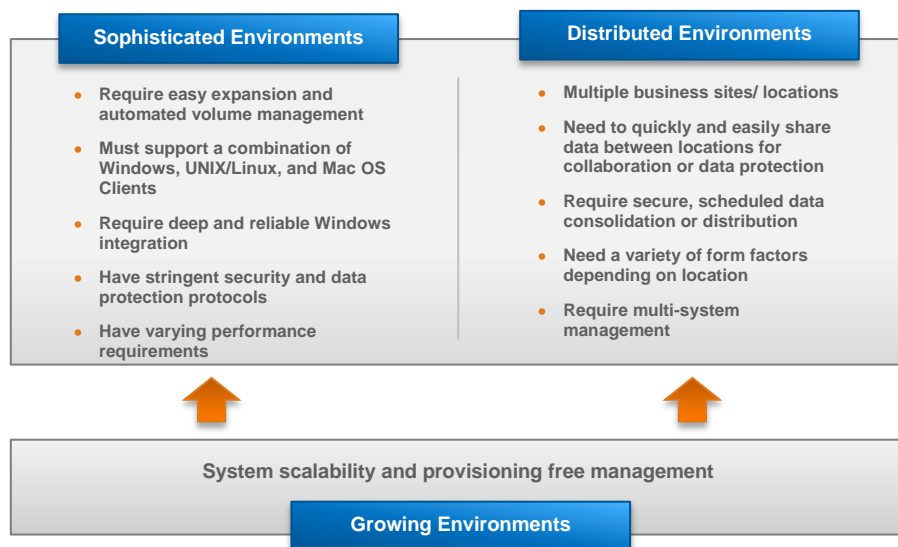


## SnapServer DX Overview

The SnapServer DX family is an advanced line of Network-Attached Storage (NAS) appliances, software, and services designed to store and protect data. Built for business and powered by our award-winning GuardianOS™ operating system, SnapServer solutions provide the proven stability and out-of-the-box integration with Windows, UNIX/Linux, and Macintosh environments that consumer-grade NAS systems lack. For virtual servers and database applications, SnapServers support iSCSI block-level access with Microsoft VSS/VDS integration to simplify management. For data protection, customers can take advantage of DynamicRAID for easy growth and zero provisioning, they can replicate data to one or dozens of locations, take snapshots for point-in-time recovery, and perform backups to disk, VTL, or tape. Simply put, SnapServer NAS will provide peace of mind, knowing that data is secure, protected and reliably available to the systems and people that keep businesses moving forward.

## Target Customers

SnapServer systems are best suited for growing businesses that have traditionally relied upon “consumer-grade” NAS solutions but have now reached a level of complexity in their environment where they need a more capable, and flexible, “business-grade” solution. The diagram below outlines the attributes of an ideal customer.



## Qualifying Questions

### Would you like to simplify your storage management and expansion options?

Look for customers who may have limited IT budgets but have aggressive future growth requirements for users or applications. Dynamic RAID allows expansion by mixing and matching different drive sizes and adding or replacing drives at any time for instant storage pool growth.

### How do you deal with storage provisioning as capacity needs change?

Customers who have old storage systems requiring manual intervention to keep up with changing capacity needs are a good target. The Dynamic volumes feature of the SnapServer DX lets volumes grow and shrink automatically as needed.

### What platforms are you currently running in your environment?

Look for a mixture of Windows, UNIX/Linux, and Mac OS – the more complex, the better. SnapServers offer best-in-class Windows integration including Active Directory, VSS, and VDS.

### Do you have multiple business locations?

SnapServers can be purchased in a variety of capacities and form factors. Also, our Snap EDR™ replication tool offers business-grade functionality not found in R-sync-based offerings – such as one-to-many and many-to-one replication, bandwidth throttling, scheduling, and encryption over the Wide Area Network (WAN).

## The SnapServer Advantage



## The SnapServer DX Product Family



SnapServer DX2



SnapServer DX1



SnapExpansion DX

POSITIONING	<b>Product Summary</b>	High scalability with exceptional management features	Simple storage management and growth	Affordable expansion for the SnapServer DX Series NAS
	<b>Best Fit For</b>	Dynamic <b>business storage environments</b>	Small businesses with <b>growing storage needs</b>	Growing businesses requiring <b>additional storage space</b>
HARDWARE	<b>Form Factor</b>	<b>2U Rackmount</b>	<b>1U Rackmount</b>	<b>2U Rackmount</b>
	<b>Processor</b>	Intel Quad Core 2.4GHz	1.8GHz Atom	-
	<b>Memory</b>	4GB DDR3 ECC (16GB Max)	2GB ECC (4GB Max)	-
	<b>Drives Supported in unit</b>	12 x 1TB, 2TB, 3TB SATA-II / 300GB, 600GB SAS	4 x 1TB, 2TB, 3TB SATA-II	12 x 1TB, 2TB, 3TB SATA-II / 300GB, 600GB SAS
	<b>Drive Types Supported</b>	Enterprise SATA-II / Desktop SATA-II / 6Gb SAS	Enterprise SATA-II / Desktop SATA-II	Enterprise SATA-II / Desktop SATA-II / 6Gb SAS
	<b>Internal Min/Max Capacity</b>	<b>600GB / 36TB</b>	<b>2TB / 12TB</b>	<b>600GB / 36TB</b>
	<b>Network Connectivity</b>	2 x GbE (6 Maximum)	2 x GbE	-
	<b>Power Supplies</b>	Dual	Single	Dual
EXPANDABILITY	<b>Supports Expansion Unit</b>	Yes, up to 7 total	Yes, up to 3 total	-
	<b>Max Total Capacity</b>	<b>288TB</b>	<b>120TB</b>	<b>36TB</b>
	<b>SAS HBA</b>	Included	Optional	-
FEATURES	<b>DynamicRAID</b>	Yes	Yes	Yes
	<b>Dynamic Volumes</b>	Yes	Yes	Yes
	<b>RAID Levels</b>	DynamicRAID dual or single parity or Traditional RAID 0, 1, 5, 6, 10	DynamicRAID dual or single parity or Traditional RAID 0, 1, 5, 6, 10	DynamicRAID dual or single parity or Traditional RAID 0, 1, 5, 6, 10
	<b>Hot-Swap Components</b>	Disk Drives / Power Supplies	Disk Drives	Disk Drives / Power Supplies
SOFTWARE LICENSING	<b>GuardianOS®</b>	<b>Included</b>	<b>Included</b>	-
	<b>iSCSI</b>	<b>Included</b>	<b>Included</b>	-
	<b>Snapshots</b>	<b>Included</b>	<b>Included</b>	-
	<b>Snap EDR™</b>	<b>Included*</b>	Optional	-
	<b>CA® Anti-Virus</b>	<b>Included</b>	<b>Included</b>	-
STANDARD WARRANTY		3-Year OverlandCare Level 1 Advance Parts Replacement 24x7 telephone support *Snap EDR Support sold separately	3-Year OverlandCare Level 1 Advance Parts Replacement 24x7 telephone support	3-Year OverlandCare Level 1 Advance Parts Replacement 24x7 telephone support

## Configuring SnapServer Systems

	SnapServer DX2	SnapServer DX1	SnapExpansion DX
<b>STEP 1</b>	<b>SELECT A BASE SYSTEM</b>		
	OV-NAS202001 SnapServer DX2, 0-DRIVE	OV-NAS201001 SnapServer DX1, 0-DRIVE	OV-EXP201004 SnapExpansion DX
<b>STEP 2</b>	<b>CONFIGURE BASE SYSTEM (IF DESIRED)</b>		
	<b>Add Additional NIC Ports (Up to 6 Ports maximum)</b> OV-ACC902019 ACC - PCIe Card, DX, Quad Port 1GbE NIC  <b>Add Additional Memory (Up to 16GB maximum)</b> OV-ACC902023 ACC - Memory Module, DX2, 4GB DIMM  <b>Add Additional SAS HBA</b> OV-ACC902021 ACC - PCIe Card, DX, SAS HBA	<b>Add SAS HBA (Required for Expansion)</b> OV-ACC902021 ACC - PCIe Card, DX, SAS HBA  <b>Add Additional Memory (Up to 4GB maximum)</b> OV-ACC902022 ACC - Memory Module, DX1, 2GB DIMM  <b>Add Slide Rail Mounting Kit</b> OV-ACC902024 ACC - Slide Rail Kit, DX1	Not Available
<b>STEP 3</b>	<b>ADD EXPANSION ENCLOSURES (IF DESIRED)</b>		
	OV-EXP201004 SnapExpansion DX (Up to 7)	OV-EXP201004 SnapExpansion DX (Up to 3)	Up to Seven SnapExpansions per SnapServer DX2 Up to Three SnapExpansions per SnapServer DX1
<b>STEP 4</b>	<b>ADD DRIVE 4-PACKS TO BASE SYSTEM OR EXPANSION ENCLOSURES (IF DESIRED)</b>		
	<b>SATA II Desktop Drive 4-Packs (Variable RPM)</b> OV-ACC902010 HDD - DX, 1TB SATA DT w/Carrier, 4 Pack OV-ACC902011 HDD - DX, 1TB SATA DT w/Carrier OV-ACC902012 HDD - DX, 2TB SATA DT w/Carrier, 4 Pack OV-ACC902013 HDD - DX, 2TB SATA DT w/Carrier OV-ACC902014 HDD - DX, 3TB SATA DT w/Carrier, 4 Pack OV-ACC902015 HDD - DX, 3TB SATA DT w/Carrier <b>SATA II Enterprise Drive 4-Packs (7200 RPM)</b> OV-ACC902001 HDD - DX, 1TB SATA ENT w/Carrier, 4 Pack OV-ACC902003 HDD - DX, 1TB SATA ENT w/Carrier OV-ACC902004 HDD - DX, 2TB SATA ENT w/Carrier, 4 Pack OV-ACC902005 HDD - DX, 2TB SATA ENT w/Carrier OV-ACC902006 HDD - DX, 3TB SATA ENT w/Carrier, 4 Pack OV-ACC902007 HDD - DX, 3TB SATA ENT w/Carrier <b>SAS Drive 4-Packs (15K RPM)</b> OV-ACC902025 HDD - DX2, 300GB 15K SAS w/Carrier, 4 Pack OV-ACC902026 HDD - DX2, 300GB 15K SAS w/Carrier OV-ACC902027 HDD - DX2, 600GB 15K SAS w/Carrier, 4 Pack OV-ACC902028 HDD - DX2, 600GB 15K SAS w/Carrier	<b>SATA II Desktop Drive 4-Packs (Variable RPM)</b> OV-ACC902010 HDD - DX, 1TB SATA DT w/Carrier, 4 Pack OV-ACC902011 HDD - DX, 1TB SATA DT w/Carrier OV-ACC902012 HDD - DX, 2TB SATA DT w/Carrier, 4 Pack OV-ACC902013 HDD - DX, 2TB SATA DT w/Carrier OV-ACC902014 HDD - DX, 3TB SATA DT w/Carrier, 4 Pack OV-ACC902015 HDD - DX, 3TB SATA DT w/Carrier <b>SATA II Enterprise Drive 4-Packs (7200 RPM)</b> OV-ACC902001 HDD - DX, 1TB SATA ENT w/Carrier, 4 Pack OV-ACC902003 HDD - DX, 1TB SATA ENT w/Carrier OV-ACC902004 HDD - DX, 2TB SATA ENT w/Carrier, 4 Pack OV-ACC902005 HDD - DX, 2TB SATA ENT w/Carrier OV-ACC902006 HDD - DX, 3TB SATA ENT w/Carrier, 4 Pack OV-ACC902007 HDD - DX, 3TB SATA ENT w/Carrier	<b>SATA II Desktop Drive 4-Packs (Variable RPM)</b> OV-ACC902010 HDD - DX, 1TB SATA DT w/Carrier, 4 Pack OV-ACC902011 HDD - DX, 1TB SATA DT w/Carrier OV-ACC902012 HDD - DX, 2TB SATA DT w/Carrier, 4 Pack OV-ACC902013 HDD - DX, 2TB SATA DT w/Carrier OV-ACC902014 HDD - DX, 3TB SATA DT w/Carrier, 4 Pack OV-ACC902015 HDD - DX, 3TB SATA DT w/Carrier <b>SATA II Enterprise Drive 4-Packs (7200 RPM)</b> OV-ACC902001 HDD - DX, 1TB SATA ENT w/Carrier, 4 Pack OV-ACC902003 HDD - DX, 1TB SATA ENT w/Carrier OV-ACC902004 HDD - DX, 2TB SATA ENT w/Carrier, 4 Pack OV-ACC902005 HDD - DX, 2TB SATA ENT w/Carrier OV-ACC902006 HDD - DX, 3TB SATA ENT w/Carrier, 4 Pack OV-ACC902007 HDD - DX, 3TB SATA ENT w/Carrier <b>SAS Drive 4-Packs (15K RPM)</b> OV-ACC902025 HDD - DX2, 300GB 15K SAS w/Carrier, 4 Pack OV-ACC902026 HDD - DX2, 300GB 15K SAS w/Carrier OV-ACC902027 HDD - DX2, 600GB 15K SAS w/Carrier, 4 Pack OV-ACC902028 HDD - DX2, 600GB 15K SAS w/Carrier
<b>STEP 5</b>	<b>ADD OPTIONAL SOFTWARE (IF DESIRED)</b>		
	<b>Snap EDR</b> 5325301881 SW - Snap EDR Standard - Windows / Linux / Unix	<b>Snap EDR</b> 5325302018 Snap EDR Standard – Workgroup 5325302015 Snap EDR Express – Workgroup	Not Available

## About Overland Storage

Overland Storage is the trusted global provider of effortless data management and data protection solutions across the data lifecycle. By providing an integrated range of technologies and services for primary, nearline, offline, archival, and cloud data storage, Overland makes it easy and cost effective to manage different tiers of information over time. Whether distributed data is across-the-hall or across-the-globe, Overland enables companies to focus on building their business instead of worrying about data growth.

## Overland FastTrack™ Partner Program

Overland Storage has designed FastTrack to deliver significant benefits for value added resellers (VARs), system integrators (SIs) and Solution Providers (SPs). Our partner program is ideal for companies that have experience selling storage products to a variety of markets and are actively seeking to expand or compliment their current storage portfolio. Through the FastTrack Program, partners have access to the tools, information and resources they need to successfully use, sell, deploy, and support Overland solutions and services.

For more information about Overland and the FastTrack Partner Program, please visit [www.overlandstorage.com](http://www.overlandstorage.com).



## Sales Offices

### North America

125 S. Market Street  
San Jose, CA 95113  
USA  
Tel: 800.729.8725

### Asia Pacific

16 New Industrial Road #04-04  
Hudson TechnoCentre, Singapore  
536204  
Tel: +65 62811 778, +65 62811 073

### France

88 ter avenue du Général Leclerc  
92100 Boulogne Billancourt  
France  
Tel: +33 17431.1070

### Germany

Wilhelm Wagenfeld Straße 28  
80807 München  
Germany  
Tel: +49.89.329890.800

### United Kingdom

Ashville Way  
Wokingham, Berkshire  
RG41 2PL England  
Tel: +44 (0) 118.989.8000