



Product Bulletin

FAS/V3200/SA320 Next-Generation Midrange Systems a Perfect Building Block for Shared IT Infrastructure

Revision History

27 October 2010 - Initial version

10 December 2010 – Adding SA320, Spares, and Field-Replaceable Units

21 December 2010 – Ship rules changed to default to Data ONTAP 7.3.5

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This product bulletin informs NetApp sales and NetApp partners about new or changed NetApp® products or services.

1. Summary
2. What's New?
3. Sales and Customer-Ready Tools
4. System Requirements
5. Product Information
6. Regulatory Compliance
7. Warranty and Service
8. Additional Information

1. Summary

This product bulletin announces the availability of the FAS/V3200 series and SA320, NetApp's new midrange systems. They are available in three models: FAS/V3210, FAS/V3240, and FAS/V3270. All three models are now shipping. The new systems are available with Data ONTAP® 8.0.1 and 7.3.5.

SA320 is based on FAS3270 and is available only with Data ONTAP 8.0.1.

2. What's New?

The release of the December 13th version of eConfig changed the default ship rules. Quotes created or edited with the December 13th release of CE will ship with Data ONTAP 7.3.5 when the order is booked. If the quote/booking contains either 2TB disk or SSD disk the rules will force Data ONTAP 8.0.1 to ship.

We want to encourage customers to upgrade to Data ONTAP 8.0.1. -Customers who receive Data ONTAP 7.3.5 and wish to run Data ONTAP 8.0.1 will need to use the NOW™ site to download and perform an upgrade.

The February release of CE will have an option in eConfig to allow selection of either Data ONTAP 8.0.1 or 7.3.5 to be shipped on 3200 series platforms.

All models of the FAS/V3200 series are now shipping to customers. The FAS/V3200 series provides greater flexibility and continued price/performance leadership in the midrange systems. The key features are:

I/O

- New I/O expansion module – 50% more slots than existing FAS3100 series (except FAS3210)
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	• Two PCIe v2.0 (Gen 2) slots in controller • On-board SAS ports
Scaling	• Midrange performance improvements • 15% higher spindle and capacity • HA available in 3U and 6U footprints
RASM	• Service processor (SP) remote management • Goes beyond RLM and BMC • Adds high-end RASM capabilities to mid-range

3. Sales and Customer-Ready Tools (Training, SE, Customer Presentations, Datasheets, Sales Guides)

The FAS/V3200 series–related information is available in the NetApp Field Portal:

FAS/V3200 SE Presentation	https://fieldportal.netapp.com/viewcontent.asp?qv=1&docid=28467
FAS/V3200 Technical FAQ	https://fieldportal.netapp.com/viewcontent.asp?qv=1&docid=28465
Sizers for Exchange, CIFS, Custom App Sizer, Database, Unified, VDI	http://perf-build1.eng.netapp.com/perftools/html/sizers.html
Other Useful Links	
NetApp Synergy	http://synergy.netapp.com/
Field Portal	https://fieldportal.netapp.com/portals/default.asp

Installation instructions and other related documents can be located in the Hardware Library on the NetApp NOW™ site: http://now.netapp.com/NOW/knowledge/docs/hardware/hardware_index.shtml#Storage%20appliances%20and%20V-series%20systems/gFilers.

4. System Requirements

The FAS/V3200 requires Data ONTAP 7.3.5 or Data ONTAP 8.0.1RC2 or a later version.

The SA320 requires Data ONTAP 8.0.1RC2 or a later version.

The following shelves and modules are supported with the FAS/V3200 series:

- DS2246 with IOM6
- DS4243 with IOM3
- DS14mk4 with ESH4
- DS14mk2 with either ESH2 or ESH4
- DS14mk2-AT with AT-FCX

Exception: DS14s are available only as add-on shelves, the only exception being MetroCluster™.

- Any HDDs supported in above shelves
- DS4243 shelf with SSD

Exception: Not supported with FAS3210.

SAS ports are required to support DS4243 and DS2246. There are two on-board SAS ports per controller, which supports both DS4243 and DS2246 in single stack MPHA.

5. Product Information

The FAS/V3240 and FAS/V3270 are available with and without the I/O expansion option. FAS/V3210 does not support I/O expansion. The software structure on the new systems has changed significantly from existing FAS/V3100 series. The software is now tied to the platform as opposed to the tier. Please see the product bulletin on software structure for details.

The following part numbers are available for new FAS/V3200 and SA320 series:

Part Number	Description	Discount Category Code
FAS3210A-IB-BASE-R6	FAS3210 HA System with Dual Cntrlr	A
FAS3240E-BASE-R6	FAS3240 System Single Cntrlr & IOXM	A
FAS3240A-IB-BASE-R6	FAS3240 HA System with Dual Cntrlr	A
FAS3240AE-IB-BASE-R6	FAS3240 HA System with Dual Cntrlr & IOXM	A
FAS3270E-BASE-R6	FAS3270 System Single Cntrlr with IOXM	A
FAS3270A-BASE-R6	FAS3270 HA System Dual Cntrlr	A
FAS3270AE-BASE-R6	FAS3270 HA System with Dual Cntrlr & IOXM	A
FAS3210-BASE-R6-C	FAS3210 System with Single Cntrlr,-C	A
FAS-V32XX-CHASSIS-R6-C	FAS/V32XX,Chassis,AC PS,-C,R6	A
FAS-V32XX-EXP-R6	Expansion Module,FAS/V32XX	A
V3210-BASE-R6-C	V3210 System with Single Cntrlr,-C	A
V3210A-IB-BASE-R6	V3210 HA System with Dual Cntrlr	A
V3240E-BASE-R6	V3240 System Single Cntrlr & IOXM	A
V3240A-IB-BASE-R6	V3240 HA System with Controller	A
V3240AE-IB-BASE-R6	V3240 HA System with Controller & IOXM	A
V3270E-BASE-R6	V3270 System Single Cntrlr with IOXM	A
V3270A-BASE-R6	V3270 HA System with Controller	A
V3270AE-BASE-R6	V3270 HA System with Controller & IOXM	A
SA320E-R6	SA320 System Single Cntrlr with IOXM	A
SA320AE-BASE-R6	SA320 HA System with Controller & IOXM	A

The DC version of FAS3200 is also available. Following are the part numbers for DC.

Part Number	Description	Discount Category Code
FAS3210-DC-BASE-R6	FAS3210 DC System with Single CntrlrHA System with Dual Cntrlr	A
FAS3240A-DC-BASE-R6	FAS3210 DC HA System with Dual Cntrlr	A
FAS3240E-DC-BASE-R6	FAS3240 DC System Single Cntrlr & IOXM	A
FAS3240AE-DC-BASE-R6	FAS3240 DC HA System with Dual Cntrlr & IOXM	A
FAS3270E-DC-BASE-R6	FAS3270 DC System Single Cntrlr with IOXM	A
FAS3270AE-DC-BASE-R6	FAS3270 DC HA System with Dual Cntrlr & IOXM	A

Spares and Field-Replaceable Units

Part Number	Description	Discount Category Code
SK-FAS3210-R6	Kit,Basic Spares,3210	A
SK-FAS3240-R6	Kit,Basic Spares,3240	A
SK-FAS3270-R6	Kit,Basic Spares,FAS3270	A
SK-V3210-R6	Kit,Basic Spares,V3210	A
SK-V3240-R6	Kit,Basic Spares,V3240	A
SK-V3270-R6	Kit,Basic Spares,V3270	A
X3543-R6	Motherboard,No Memory,3210	A
X3544-R6	Motherboard,No Memory,3240	A
X3650-R6	Motherboard,No Memory,3270,R6	A
X3550-R6	Motherboard,No Memory,V3210	A
X3551-R6	Motherboard,No Memory,V3240	A
X3651-R6	Motherboard,No Memory,V3270,R6	A
FAS-V32XX-EXP-R6	Expansion Module,FAS/V32XX	A
X80065-R6	Bezel,FAS/V32XX	A
X3148A-R6	BATTERY,4CELL With Holder,FAS/V32XX	A
X1425A-R6	USB Media,FAS/V32xx/62xx	A
X8535-R6	FAN ASSY,32XX	A
X6589-R6	SFP+ Optical 10Gb Shortwave	A
X3250-R6	DIMM,4GB,DDR,ESS,3270	A
X3199-R6	MEM,DIMM,2GB,DDR,ESS,3240/3270	A
X3133-R6	DIMM,2GB For 3210 Systems,ESS	A
X3131-R6	DIMM,1GB For 3210 Systems,ESS	A

6. Regulatory Compliance

Products need to be validated against the NetApp Safety/EMI Regulatory Compliance List prior to order submission. This is required to make sure that products are being sold only in the countries in which NetApp has received regulatory compliance certification. This information can be found in the Field Portal by searching under “Compliance, Policies and Procedures” or following the links below:

- [RoHS Compliance](#)
- [Safety/EMI Regulatory Compliance \(XLS\)](#)
- [WEEE Compliance](#)

7. Warranty and Service

Standard hardware warranty and services apply.

8. Additional Information

Contact information: Please contact your NetApp sales or channel partner representative with questions concerning this bulletin.

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