



Product Bulletin:

FAS6200 and V6200 Series – New High-End Systems

Revision History

8 November 2010 - Initial version

10 December 2010 - Update announcing general availability to quote and shipping date

23 December 2010 – Update to announce Systems shipping now.

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

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1. Summary

This product bulletin announces the availability of the FAS/V6200 series, the new high-end platforms in the NetApp portfolio.

The NetApp FAS/V6200 series consists of enterprise-class storage systems combining powerful performance, scalability, availability, and flexibility. These systems help you confidently meet service levels, drive operational excellence, and respond to future growth. The FAS/V6200 series includes three performance points to tailor-fit a solution that's right for today and tomorrow: FAS/V6210, FAS/V6240, and FAS/V6280. They are adaptable and ideal for business and technical applications, as well as rapidly changing virtualized and cloud computing environments.

2. What's New?

The FAS/V6200 series delivers extensive amounts of integrated, high-bandwidth connectivity; multiprotocol support; and a range of capacity, performance, and density choices that enable customers to deploy optimized storage now and in the future. The FAS/V6200 series architecture incorporates:

- ❖ Industry-leading Intel® 6 core CPU architecture
- ❖ PCIe Gen2 and DDR3-based architecture
- ❖ Onboard 10GbE ports with stateless off-load capabilities
- ❖ Onboard 8GbE FC ports
- ❖ Onboard 6Gb SAS ports
- ❖ New service processor and native Alternate Control Path (ACP) support
- ❖ NVRAM destaging to flash
- ❖ IOXM module for expandability

In addition, the FAS/V6200 series scales up to 2.9PB to meet evolving storage needs and up to 8TB Flash Cache

to enable performance benefits for a wider range of workloads.

FAS/V6200 SERIES SOFTWARE

The FAS/V6200 includes a simplified software structure that offers significantly more value and enhanced simplicity while maintaining a flexible foundation for building custom solutions. As reflected below, enhancements include:

- ❖ More software value is now included standard with every system via Data ONTAP® Essentials
- ❖ A la carte structure of add-on software simplified to five key software products—customers have the flexibility to select one protocol of their choice to be included with the base system (other protocols can be added separately)
- ❖ A complete bundle of all NetApp extended-value software is available for all-inclusive functionality and convenience

STANDARD AND OPTIONAL SOFTWARE



FAS/V6200 Series Quick Overview

Models FAS/V6280, FAS/V6240, FAS/V6210

Flash Cache (PAM II) 512GB modules

I/O Options Configurable onboard ports (FC or SAS)
Optional NICs and HBAs

Disk Shelves DS2246 (24 drives – 2.5" SAS SFF)
DS4243 (24 drives – 3.5" SATA/SAS/SSD)
DS14mk2 and DS14mk4 (for MetroCluster configurations; 14 drives – 3.5" FC/SATA)

Storage Protocols FC, FCoE, IP SAN (iSCSI), NFS, CIFS

Optional Software Refer to FAS/V6200 series software tables

Professional Services Storage System Installation Service, RDS+ Implementation Services, Storage Controller Upgrade Service, Assessment Services, Consulting Services, Deployment/Implementation Services, Managed Services, Solution Suites

Support SupportEdge Services

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

The following FAS6200 sales tools and collaterals are available on the Field Portal:

- ❖ FAS/V6200 Customer Presentation
- ❖ FAS/V6200 Quick Reference Guide

- ❖ FAS/V6200 Datasheet
- ❖ FAS/V6200 SE Presentation
- ❖ FAS/V6200 Technical FAQ
- ❖ FAS/V6200 Platform Report
- ❖ FAS/V6200 Performance Comparison

For quoting instructions please refer to the Quote Tool Bulletin for FAS6200.

4. System Requirements

The FAS/V6200 series supports the following configurations:

FAS6210: Single chassis standalone (Cb) - bottom bay (b) empty
Single chassis HA (CC)
Dual chassis Stretch HA (Cb-HA)
Dual chassis Stretch MetroCluster (Cb-HA)
Dual chassis Fabric MetroCluster (Cb-HA)

FAS6240: Single chassis standalone (CI)
Dual chassis HA (CI-HA)
Dual chassis Stretch MetroCluster HA (CI-HA)
Dual chassis Fabric MetroCluster HA (CI-HA)

FAS6280: Single chassis standalone (CI)
Dual chassis HA (CI-HA)
Dual chassis Stretch MetroCluster HA (CI-HA)
Dual chassis Fabric MetroCluster HA (CI-HA)

All FAS/V6200 series models support V-Series models: V6210, V6240, V6280.

Storage Acceleration Appliance SA620 is based on the FAS6280 platform.

The FAS6200 series requires the Data ONTAP 8.0.1 release; both 7-Mode and Cluster-Mode are supported.

Refer to the NOW™ (NetApp on the Web) site for details and the [System Configuration Guide](#).

5. Product Information

FAS6200 System Base Configurations

Part Number	Description	Discount Category
FAS6210-FC-BASE-R6	FAS6210 System With FC IO	A
FAS6210-SAS-BASE-R6	FAS6210 System With SAS IO	A
FAS6210A-FC-BASE-R6	FAS6210 HA System With FC IO	A
FAS6210A-SAS-BASE-R6	FAS6210 HA System With SAS IO	A
FAS6240-FC-BASE-R6	FAS6240 SYS With FC CNTRLR And IO Expander	A
FAS6240-SAS-BASE-R6	FAS6240 SYS With SAS CNTRLR And IO Expander	A
FAS6240A-FC-BASE-R6	FAS6240 HA SYS With FC CNTRLR And IO Expander	A
FAS6240A-SAS-BASE-R6	FAS6240 HA SYS With SAS CNTRL And IO Expander	A
FAS6280-FC-BASE-R6	FAS6280 SYS With FC CNTRLR And IO Expander	A
FAS6280-SAS-BASE-R6	FAS6280 SYS With SAS CNTRLR And IO Expander	A
FAS6280A-FC-BASE-R6	FAS6280 HA SYS With FC CNTRLR And IO Expander	A
FAS6280A-SAS-BASE-R6	FAS6280 HA SYS With SAS CNTRLR & IO Expander	A

V6200 System Base Configurations

Part Number	Description	Discount Category
V6210-FC-BASE-R6	V6210 System With FC IO	A
V6210-SAS-BASE-R6	V6210 System With SAS IO	A
V6210A-FC-BASE-R6	V6210 HA System With FC IO	A
V6210A-SAS-BASE-R6	V6210 HA System With SAS IO	A
V6240-FC-BASE-R6	V6240 SYS With FC CNTRLR And IO Expander	A
V6240-SAS-BASE-R6	V6240 SYS With SAS CNTRLR And IO Expander	A
V6240A-FC-BASE-R6	V6240 HA SYS With FC CNTRLR And IO Expander	A
V6240A-SAS-BASE-R6	V6240 HA SYS With SAS CNTRLR And IO Expander	A
V6280-FC-BASE-R6	V6280 SYS With FC CNTRLR And IO Expander	A
V6280-SAS-BASE-R6	V6280 SYS With SAS CNTRLR And IO Expander	A
V6280A-FC-BASE-R6	V6280 HA SYS With FC CNTRLR And IO Expander	A
V6280A-SAS-BASE-R6	V6280 HA SYS With SAS CNTRLR And IO Expander	A

SA620 System Base Configurations

Part Number	Description	Discount Category
SA620-SAS-BASE-R6	SA620 SYS With SAS CNTRLR And IO Expander	A
SA620A-SAS-BASE-R6	SA620 HA SYS With SAS CNTRLR And IO Expander	A

Spares and Field Replaceable Units

Part Number	Description	Discount Category
SK-FAS6210-R6	Kit,Basic Spares,FAS6210	A
SK-FAS6240-R6	Kit,Basic Spares,FAS6240	A
SK-FAS6280-R6	Kit,Basic Spares,FAS6280	A
SK-V6210-R6	Kit,Basic Spares,V6210	A
SK-V6240-R6	Kit,Basic Spares,V6240	A
SK-V6280-R6	Kit,Basic Spares,V6280	A
X1837-R6	Battery Assembly For NVRAM8	A
X1956-R6	Converter,CU to Fiber,20Gbs,62XX,SA620	A
X2056-R6	IO Board FC 4-Port	A
X2067-R6	IO Board SAS 4-Port	A
X3105A-R6	Blanking Panel,Fan Assy,31XX,62XX,SA620	A
X3106A-R6	Blanking Panel,SYS Controller,31XX,62XX,SA620	A
X3149-R6	NVRAM8 Card With 4GB Memory No Battery	A
X3204-R6	DIMM,4GB For 6210 And 6240 Systems	A
X3205-R6	DIMM,8GB for 6280 and SA620 Systems	A
X3211-R6	Riser Card, Right For 62XX and SA620	A
X3216-R6	Riser Card, Left For 62XX And SA620	A
X3217-R6	Riser Card,10GbE For 62XX and SA620	A
X3553-R6	Motherboard,FAS6210 No Memory	A
X3554-R6	Motherboard,FAS6240 No Memory	A
X3555-R6	Motherboard,FAS6280 No Memory	A

X3556-R6	Motherboard,V6210 No Memory	A
X3557-R6	Motherboard,V6240 No Memory	A
X3558-R6	Motherboard,V6280 No Memory	A
X3559-R6	Motherboard,SA620 No Memory	A
X62XX-EXP-R6	IO EXP Module For 62XX and SA620	A
X6588-R6	SFP+ Optical 8Gb Shortwave	A
X6589-R6-C	SFP+ Optical 10Gb Shortwave	A
X6589-R6	SFP+ Optical 10Gb Shortwave	A
X763-R6	Power Supply,1300W AC For 62XX and SA620	A
X8533A-R6	Fan Assembly 62XX,31XX and SA620	A
X80064-R6	Bezel,FAS/V62XX,SA620	A
X800W-R6	Power Cable,Taiwan,250V,BSMI,R6	C
X800Y-R6	Power Cable Japan,250V/15A	C
X1425A-R6	MEM,USB Media,2GB,Blank	A

Software Support Plans

The FAS/V6200 system software follows the standard NetApp Software Support Plan.

Downloading

For downloading software go to [NOW Download Software](#).

Product Availability

The FAS/V6200 series is generally available to quote in the Dec 2010 CE/PE release. The FAS/V6200 series is now shipping..

The V6200 series does not support Stretch or Fabric MetroCluster configurations in the Data ONTAP 8.0.1 release.

6. Regulatory Compliance

Products need to be validated against the NetApp Safety/EMI Regulatory Compliance List prior to order submission. This is required to ensure 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

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