

Technical Brief

Veritas Education Services

NetBackup 5240 Appliance

Veritas understands the shifting needs of the data center and offers NetBackup Appliances as a way for customers to simplify deployment and maintenance of their critical data protection infrastructures. The NetBackup 5240 Appliance represents the continuing evolution of the NetBackup Appliances family, offering new features to meet the evolving needs of modern data centers.

Key Benefits

- Upgraded hardware
- Increased performance
- Expanded storage capacity
- Improved storage density

Veritas NetBackup Appliance Solutions

NetBackup Appliances give organizations an efficient turnkey solution for backup, storage, and deduplication. Providing simple, cost-effective backup and recovery for the data center, remote offices, and virtual environments, these enterprise-class appliances continue to be one of the leaders in the integrated, purpose-built backup appliance (PBBA) market.



Benefits of NetBackup Appliances

- **One Integrated Solution** – Hardware, software, and support all managed by a single vendor: Veritas.
- **Cost Efficient** – Consolidate your backup infrastructure and leverage the perpetual front-end capacity-based licensing model of NetBackup Appliances.
- **Simple to Manage** – The Veritas AutoSupport platform automatically monitors hardware components of NetBackup Appliances to ensure maximum uptime.
- **Performance and Scalability** – With predictable performance, NetBackup appliances can run thousands of backup jobs a day (with multiple appliances).

NetBackup Appliances Key Features

- **Industry-leading NetBackup Software** – Pre-installed with NetBackup software to provide a comprehensive and integrated solution.
- **Scalable Architecture** – NetBackup Appliances can be deployed as an all-in-one backup solution that can move hundreds of TB of data per day.
- **Ultimate Virtual Machine Protection** – Built-in, optimized support for both VMware vSphere™ and Microsoft Hyper-V® platforms.
- **Intelligent End-to-End Deduplication** – NetBackup Appliances provide end-to-end deduplication—both source and target side.



Introducing the NetBackup 5240 Appliance

The NetBackup 5240 Appliances is an evolution of the NetBackup 52xx-series Master or Media Server Appliance. The 5240 includes enhanced hardware components, improved performance, and an expanded storage capacity, as well as new software features introduced in the latest NetBackup Appliance software platform.

Hardware Updates

The NetBackup 5240 Appliances includes faster Intel processors, faster memory, and additional connectivity options for communicating with critical physical and virtual servers in customer data centers. The figure below illustrates these hardware improvements.

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NetBackup 5240 Key Hardware Components



- 2x Intel CPUs
- 2.4 GHz
- 8 cores each



- Max 128 GB
- DDR4
- ECC



- 8Gb FC HBA
- Up to 10 ports
(10 configurable)



- 10 GbE NIC
- Up to 8 ports
(6 configurable, 2 on board)

In addition, the new hardware capabilities of the NetBackup 5240 Appliance allow for support of up to four storage shelves per 5240 Appliance, each supplying ~49 TB of storage capacity. This allows the NetBackup 5240 Appliance to support a new maximum capacity of 201 TB.

Design and Functional Role

As with earlier entries in the NetBackup 52xx-series, the NetBackup 5240 Appliance is designed as a flexible Master or Media Server solution. From a functional role perspective, the NetBackup 5240 Appliance compliments the NetBackup 53xx-series of Appliances which are designed as powerful, high-performance Media Server solutions.

The information in the illustration below illustrates this distinction.

52xx-series Use Cases				53xx-series Use Case	
Flexible Master Server, Media Server, or Media Server with storage				Powerful Media Server with Storage	
Use Case	Media Server	Master Server	Media Server with additional storage	Use Case	Media Server
Usable Capacity	4 - 27 TB	4 - 27 TB	4 - 201 TB	Usable Capacity	114 – 458 TB
Memory (RAM)	64 GB	64 GB	128 GB	Memory (RAM)	384 GB
Concurrent Jobs	150+			Concurrent Jobs	500+

Front and Back Panel Views

The illustration below shows the front and back panel views of the NetBackup 5240 Appliance and the 5240 Storage Shelf.

5240 Appliance

Front View

Back Panel View

5240 Storage Shelf

Front View

Back Panel View

Summary

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For More Information

Description	Link
Veritas Website	https://www.veritas.com/
NetBackup Appliances Website	https://www.veritas.com/product/backup-and-recovery/netbackup-appliances.html.html
Veritas PartnerNet	https://partnernet.veritas.com/

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