

# Veritas NetBackup™ 5330 Appliance

A single-vendor, enterprise backup appliance  
for virtual and physical environments

## Overview

Veritas NetBackup™ 5330 is an integrated media server with storage. It delivers high performance, scalable capacity, and resiliency to address the most aggressive backup and recovery objectives in the data center while protecting both virtual and physical environments. Built on industry leading NetBackup software, the NetBackup 5330 Appliance offers both client and target deduplication to reduce network bandwidth and storage capacity requirements. With Auto Image Replication (AIR), the NetBackup appliance may be geographically dispersed to meet today's ever-demanding DR requirements. As an integrated backup appliance, it addresses the OpEx and CapEx challenges organizations face today while preparing to modernize for the future.

## Product highlights

- **Ideal for enterprise environments**—Starting at 114 TB and expandable to 229 TB, NetBackup 5330 is designed for larger enterprises and data centers requiring performance, capacity, and resiliency.
- **Media server role**—Deploy as a media server with deduplication within your NetBackup domain.
- **Fits into existing NetBackup environments**—Easily expand or refresh existing NetBackup environments without disrupting operations.
- **Optimum virtual machine protection**—Built-in support for VMware vSphere™ and Microsoft Hyper-V®, no proxy servers required.
- **Improve resource utilization**—Decrease backup storage up to 50 times and bandwidth consumption up to 99 percent.
- **Flexible deduplication options**—Deduplication at source or target; inline or post-process.
- **Dynamic storage**—Usable capacity can be any combination of 229 TB deduplication pool or Advanced Disk pool (non-deduplicated storage).
- **Eliminate point products**—Reduce the number of 3rd party point products such as target dedupe appliances, tape, or virtual tape libraries (VTL).
- **Addressing capital and operating expenditures**—Consolidate existing media servers and target dedupe appliances into an all-in-one appliance; reduce floor space, power and cooling costs.
- **Resilient hardware architecture**—Dual RAID controllers and multiple data paths deliver greater data protection and system availability.
- **Enterprise class hardware**—Redundant hot swap components include RAID and disk controllers, power supplies, fan modules, and hot pluggable disks.
- **Veritas AutoSupport**—Monitors key hardware components and notifies the administrator of fault events.
- **Platform and application support**—All core NetBackup software agents and options can be utilized.



NetBackup 5330 Appliance

Technical specifications	NetBackup 5330	Expansion Shelf
Useable storage capacity (TB) <sup>1</sup>	114.6	114.6
Expansion shelves (max)	1	NA
Minimum system usable capacity	114.6	NA
Maximum system usable capacity	229.2	NA
1 Gb Ethernet ports	4	NA
10 Gb Ethernet ports <sup>2</sup>	2 to 10	NA
8 Gb Fibre Channel ports <sup>3</sup>	up to 8	NA
Dimensions H x W x D (inches)	10.5 x 19.2 x 32.5	7.0 x 19.0 x 32.5
Maximum weight, with disk drives (lbs)	282	232
Typical power consumption (watts)	1,595	847
Maximum power consumption (watts)	1,972	1,222
AC voltage range (Volts)	200 to 240	200 to 240
AC frequency range (Hz)	47 to 63	47 to 63
Ampere ratings (A)	10.875 (200V to 240V)	4.72 (200V to 240V)
Mean time to repair (hours)	< 1	<1

## Performance

NetBackup 5330 delivers 56.0 TB/hour throughput.<sup>4</sup>

## Warranty coverage

One (1) year parts replacement and 90 days software.

## Management

Through existing NetBackup Graphical User Interface.

## Protocol standards followed

IPMI 2.0, SMBIOS 2.5, SAS 2.0a, ACPI rev 3, IP RFC0791

## Safety and EMC standard compliance

GB4943-2001, IEC 60950-1, UL 60950-1, FCC 47 CFR Part 15 Subpart A, EN 60950-1, EMC Directive 2004/108/EC, EN 55024: 1998+A1+A2, LVD Directive 2006/95/EC

Environmental specifications	NetBackup 5330	Expansion Shelf
Operating temperature (°F)	41 to 95	41 to 95
Storage temperature (°F)	-40 to 158	-40 to 158
Operating humidity (RH)	10 to 85%	10 to 85%
Operating altitude (ft)	100 to 9,842	100 to 9,842
Maximum noise (dBA)	70	72
Typical cooling (BTU/hr)	5,442	2,890
Maximum cooling (BTU/hr)	6,739	4,180

## More Information

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<http://www.veritas.com>

## About Veritas Technologies Corporation

Veritas Technologies Corporation enables organizations to harness the power of their information, with solutions designed to serve the world's largest and most complex heterogeneous environments. Veritas works with 86 percent of Fortune 500 companies today, improving data availability and revealing insights to drive competitive advantage.

## Veritas World Headquarters

500 East Middlefield Road  
Mountain View, CA 94043  
+1 (650) 933 1000  
[www.veritas.com](http://www.veritas.com)

1. Capacity is based on Base 2, 1 TB = 1,099,511,627,776 Bytes.  
2. Each node has 2 x 10 Gb Ethernet ports available as a base configuration.  
3. Each node has 0, 2, 4, 6, or 8 Fibre Channel port configurations available. In addition, each node has 4 dedicated Fibre Channel ports reserved for storage attach.  
4. Observed performance is based on 50 clients, 2 streams per client, 98 percent client deduplication.