


# Dell DL1000 Appliance Interoperability Guide



# Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your computer.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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# Introduction

This document provides information about the supported hardware and software versions for the Dell DL1000 Appliance.

 **NOTE:** The versions specified in this document use the same format as found on <http://dell.com/support/downloads/> and may differ from the version information displayed in the Windows Device Manager or Dell OpenManage Server Administrator.

## Supported Hardware

This section lists the hardware supported by the Dell DL1000 Backup to Disk Appliance systems. Where applicable, firmware and driver versions are also listed.

 **NOTE:** The DL1000 system does not support external storage enclosures and external HDDs.

### BIOS Versions

Table 1. Supported BIOS versions

System	BIOS Version
DL1000	1.0.3 or later

### Memory

Table 2. Supported memory configurations

System	Version	Total	Type
DL1000	1 TB	16 GB	Four 4 GB 1600Mhz UDIMM
	2 TB	16 GB	Four 4 GB 1600Mhz UDIMM
	3 TB	16 GB	Four 4 GB 1600Mhz UDIMM
	3 TB + VM	32 GB	Four 8 GB 1600Mhz UDIMM

### Hard drives (internal)

Table 3. Supported internal hard drives

System	Internal RAID Controller	Slots	Drive Type	RAID Level
DL1000	PERC H310	0-1	Two cabled 3.5-inch, 7.2K RPM 3 Gbps SATA drives	1

## Network Interface Controllers (NIC)

Table 4. Supported NIC

System	NIC	Driver revision
DL1000	Broadcom 5720 DP 1GbE LOM	16.2.0.4 or later

## RAID controllers


 **NOTE:** Dell does not support upgrading internal RAID controllers. The internal controller shipped with the system is the only supported configuration.

Table 5. Supported RAID controllers


System	RAID Controller	Max Number of Controllers	Driver Revision
DL1000	PERC H310	1	6.600.21.08 or later

## Display resolution

The minimum display resolution is 1280x1024.

## Supported Software

This section lists the supported operating systems and applications on the Dell DL1000 appliance.

 **NOTE:** Running applications other than those listed in this document on the Dell DL1000 appliance are not supported.

## Operating System

 **NOTE:** Clustering is not supported on the Dell DL1000 appliance.

**Table 6. Supported operating systems**

System	Model	Operating System
DL1000	1TB	Microsoft Windows Server 2012 Foundation edition (Default OS)
	2TB	Microsoft Windows Server 2012 Foundation edition (Default OS), Microsoft Windows Server 2012 Standard edition
	3TB	Microsoft Windows Server 2012 Foundation edition (Default OS), Microsoft Windows Server 2012 Standard edition
	3TB+2VM	Microsoft Windows Server 2012 Foundation edition (Default OS), Microsoft Windows Server 2012 Standard edition

## Applications

**Table 7. Supported application**


System	Application	Application Type	Version
DL1000	Dell OpenManage Server Administrator	Systems Management	8.1.0 or later

## Backup software

The supported version of the backup software is determined by the system and the installed RAID controller.

**Table 8. Supported backup software**

System	RAID Controller	Version
DL1000	PERC H310	AppAssure 5.4.3 Rapid Recovery 6.0.1

 **NOTE:** To upgrade your Appliance Core software to Rapid Recovery 6.0.1, download and run the latest RUU. To download the latest RUU, go to [www.Dell.com/support](http://www.Dell.com/support), click **View products** → **Servers, storage, & Networking** → **PowerVault** → **Dell DL1000** → **Drivers & downloads** → **Category** → **IDM** → **Dell DL Series Appliance (DL4xxx and DL1000) Recovery and Update Utility**.

## Appliance software stack release

The supported version of the appliance software stack is determined by the system, the installed RAID controller, and (if applicable) HBA.

**Table 9. Supported appliance software stack**

System	RAID Controller	Version
DL1000	PERC H310	2.2