

Seagate Nytro™ Product Server Qualification List



Seagate Server Qualification and Interop Lab performs comprehensive server qualification testing of the Nytro product line to identify issues which may exist between a given Nytro product and a given server environment. The list of qualified servers in this document is not exhaustive of all available servers, though will continue to grow as new Nytro products and servers are qualified. The absence of a server from this list does not indicate a given server will not work with the Nytro product, only that the given server has not been qualified by Seagate.

Seagate[®] Nytro Application Acceleration Cards

Nytro[™] WarpDrive[™] Family

ST800KN0012 (NWD-BLP4-800)

ST1600KN0002 (NWD-BLP4-1600)

ST3200KN0002 (NWD-BFH8-3200)

ST03-25614-00* (NWD-BFH8-1200)

ST03-25615-00* (NWD-BFH8-1600)

Nytro[™] XP6200 Series

ST932KN0002 (XP6209-4A1024)

ST1863KN0002 (XP6210-4A2048)

** Only available to OEMs through direct sales*

Nytro™ WarpDrive™ Family

Model Number: ST800KN0012, ST1600KN0002

Phase 11 Software

Below is a list of servers Seagate has qualified to work with these cards

Supported Operating Systems

For a list of supported Operating Systems please refer to the Nytro WarpDrive release notes

Mfg.	Model / Family	Mfg.	Model / Family
Dell	C6220 R620 R720 / R720xd R820 T320 T620	IBM	7875 HS23 DX360 M4 HS23E x3250 M4 x3500 M4 x3630 M4 x3650 M4 x3690 X5 x3750 M4 x3850 X5
OCP	Windmill		
HP	DL 380p G7		

[Back](#)

NytrTM WarpDriveTM Family

Model Number: ST3200KN0002

ST03-25614-00, ST03-25615-00

Phase 11 Software

Note: These cards should not be shipped installed in a server.

Supported Operating Systems

For a list of supported Operating Systems please refer to the NytrTM WarpDriveTM release notes

Mfg.	Model / Family	Mfg.	Model / Family
Dell	R720 / R720xd	IBM	x3750 M4
HP	DL-380p G8	Supermicro	2720-RWF

Thermal considerations for using the Seagate® NytrTM ST3200KN0002 PCIe flash acceleration cards in Dell PowerEdge R720 server. Seagate tested card thermal performance using high and low fan settings and using different numbers of cards per server. You can consider the information in the following sections to determine how to run Seagate Nytr PCIe flash acceleration cards in your servers. Please note some fan settings may need to be changed from the

Server Model	Nytr Card	Number of Cards	PCIe Slots Tested	Server Fan Setting
Dell PowerEdge R720	ST3200KN0002	2	4, 6	Low Fan Offset
		2	5, 7	High Fan Offset
		4	4, 5, 6, 7	High Fan Offset

[Back](#)

NytrTM XP6200 Series

Model Number: ST932KN0002

Phase 11 Software

Below is a list of servers Seagate has qualified to work with this card

Supported Operating Systems

For a list of supported Operating Systems please refer to the ST932KN0002 release notes

Mfg.	Model / Family	Mfg.	Model / Family
Dell	R720 / R720xd R820	IBM	x3650 M4
HP	DL-380p G8	Supermicro	2027-WRF

[Back](#)

NytrTM XP6200 Series

Model Number: ST1863KN0002

Phase 11 Software

Below is a list of servers Seagate has qualified to work with this card

Supported Operating Systems

For a list of supported Operating Systems please refer to the ST1863KN0002 release notes

Mfg.	Model / Family	Mfg.	Model / Family
Dell	R720 / R720xd	IBM	x3650 M4
HP	DL-380p G8	OCP	Windmill Sandy Bridge Windmill Ivy Bridge

[Back](#)