SEAGATE

Nytro 5000 NVMe SSD
Compatibility Report Summary
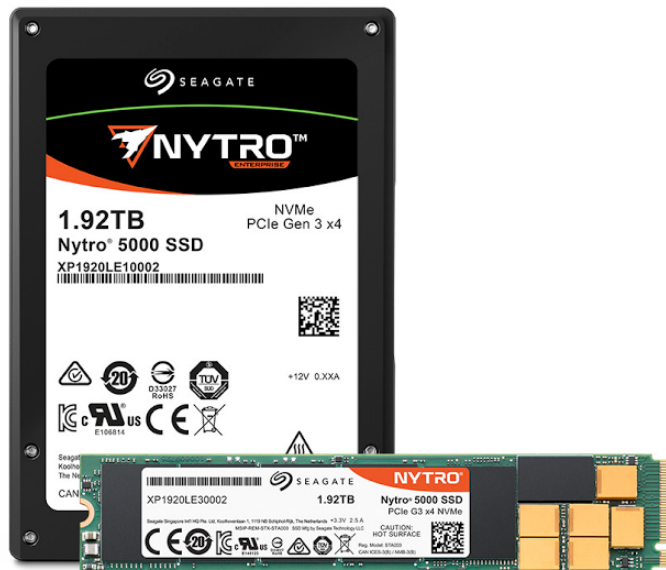
Rev. A
March 2018

Revision History

Version	Date	Description of Change
Rev. A	03/28/18	Initial release.

Table of Contents

1. Overview

This document includes successfully passed compatibility testing for Seagate Nytro 5000 NVMe SSDs.

The Nytro 5000 NVMe SSDs are designed in an ultra-dense form factors, with both the M.2 and 2.5-in offerings, and optimized IOPS per watt to scale performance and density in hyperscale storage systems and data centers. The Nytro 5000 NVMe SSDs are also well-suited for read-intensive and mixed workloads. Incorporating the PCIe Gen3 ×4 interface with the NVMe protocol, the Nytro 5000 NVMe SSDs feature four times the bandwidth of SATA SSDs removing data bottlenecks by delivering impressive throughput and IOPS.

The following tables list the hardware and software products compatible with the Nytro 5000 NVMe SSDs based on Seagate or technology partner testing. Seagate subjects the Nytro 5000 NVMe SSDs to internal and 3rd-party testing facilities to ensure the highest level of compatibility.

2. HBA and RAID Cards

Compatible HBA and RAID cards

2.1 Nytro 5000 M.2

Group	Vendor	Model	Firmware	Tested By	Date Passed
Card	Supermicro	AOC-SLG3-2M2		Supermicro	03/22/18
Card					
Card					
Card					
Card					
Card					
Card					
Card					
Card					
Card					

2.2 Nytro 5000 2.5-in

Group	Vendor	Model	Firmware	Tested By	Date Passed
Card					
Card					
Card					
Card					
Card					
Card					
Card					
Card					
Card					
Card					

3. Servers

Servers

3.1 Nytro 5000 M.2

Group	Vendor	Model	Firmware	Tested By	Date Passed
Server	Supermicro	1U Systems		Supermicro	03/01/18
Server	Supermicro	Mini-Tower Systems		Supermicro	03/01/18
Server	Supermicro	3U MicroCloud		Supermicro	03/01/18
Server	Supermicro	MicroBlade		Supermicro	03/01/18
Server	Percy Ltd.	Select servers		Percy Ltd.	03/20/18
Server	DRS	Select servers		DRS	03/20/18
Server					
Server					
Server					
Server					

3.2 Nytro 5000 2.5-in

Group	Vendor	Model	Firmware	Tested By	Date Passed
Server	bluechip Computer	Select Servers		bluechip Computer	03/28/18
Server					
Server					
Server					
Server					
Server					
Server					
Server					
Server					
Server					
Server					

4.0 Motherboards and Processors

Enclosures

4.1 Nytro 5000 M.2

Group	Vendor	Model	Firmware	Tested By	Date Passed
Processor	AMI*	MegaRAC SP-X** solution**		AMI	03/22/18
Motherboard	Supermicro	X10SDV Flex ATX		Supermicro	03/01/18
Motherboard	Supermicro	X10SDV Mini-ITX		Supermicro	03/01/18
Motherboard	Supermicro	Skylake Workstation		Supermicro	03/01/18
Motherboard	Supermicro	Skylake Desktop		Supermicro	03/01/18

4.2 Nytro 5000 2.5-in

Group	Vendor	Model	Firmware	Tested By	Date Passed

* Compatibility listing is available in AMI MegaRAC Customer Portal (MCP) for Customers
who licensed AMI MegaRAC SP-X solution
** AMI basic command support

1. Operating Systems

Operating Systems

5.1 Nytro 5000 M.2

Group	Vendor	Model	Firmware	Tested By	Date Passed
OS	Microsoft	Microsoft Windows Server 2016, x64	ST09	Microsoft	03/12/18
OS	VMware	IOVP		Seagate / VMware	02/01/18
OS					
OS					
OS					
OS					
OS					
OS					
OS					
OS					
OS					

5.2 Nytro 5000 2.5-in

Group	Vendor	Model	Firmware	Tested By	Date Passed
OS	Microsoft	Microsoft Windows Server 2016, x64	ST09	Microsoft	03/20/18
OS	VMware	IOVP		Seagate / VMware	03/28/18
OS					
OS					
OS					
OS					
OS					
OS					
OS					
OS					
OS					