



Release Notes

Nytr[™] WarpDrive[®] and Nytro XP6302 Application Acceleration
Card r112.00.03.00

XP6302-8B1536
XP6302-8B2048

100769091
December 2014

Document Revision History

Revision	Date	Description of Change
NA	December 2014	Initial product version.

© 2014, Seagate Technology LLC. All rights reserved. Printed in USA. Seagate, Seagate Technology and the Wave logo are registered trademarks of Seagate Technology LLC in the United States and/or other countries. Nytro, Nytro WarpDrive, RAISE, DuraClass, DuraWrite, RAID, SandForce, SandForce Driven and the SandForce Driven logo are either trademarks or registered trademarks of Seagate Technology LLC or one of its affiliated companies in the United States and/or other countries. All other trademarks or registered trademarks are the property of their respective owners.

No part of this publication may be reproduced in any form without written permission of Seagate Technology LLC.

Call 877-PUB-TEK1 (877-782-8351) to request permission.

When referring to drive capacity, one gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes. Your computer's operating system may use a different standard of measurement and report a lower capacity. In addition, some of the listed capacity is used for formatting and other functions, and thus will not be available for data storage. Actual data rates may vary depending on operating environment and other factors. Nytro products are not intended for use in life-support appliances, devices, or systems. Use of any Nytro product in such applications without written consent of the appropriate Seagate officer is prohibited. Seagate reserves the right to change, without notice, product offerings or specifications. Seagate reserves the right to change, without notice, product offerings or specifications.

Seagate Technology Support Services

For information regarding online support and services, visit: <http://www.seagate.com/about/contact-us/technical-support/>

Available services include:

- Presales & Technical support
- Global Support Services telephone numbers & business hours
- Authorized Service Centers

For information regarding Warranty Support, visit: <http://www.seagate.com/support/warranty-and-replacements/>

For information regarding data recovery services,
visit: <http://www.seagate.com/services-software/data-recovery-services/>

For Seagate OEM and Distribution partner portal, visit: <http://www.seagate.com/partners/>

For Seagate reseller portal, visit: <http://www.seagate.com/partners/my-spp-dashboard/>

Seagate® Nytro™ WarpDrive® and Nytro XP6302 Application Acceleration Card Release Notes

These release notes correspond to the current release of the firmware, drivers, and utilities for the Seagate® Nytro™ WarpDrive® and Nytro XP6302 Application Acceleration cards release r112.00.03.00.

The Seagate Nytro WarpDrive and Nytro XP6302 cards have 5 capacitor banks for each of the Flash modules. If one of the capacitor banks fails, the health status LED is set to **yellow**, and the DDCLI tool show Back up Rail Monitor as *Warning* in the health output. If more than one capacitor bank fails, and if the health status LED is set to **red** and the DDCLI tool shows Back-up Rail Monitor as *Error* in the health output, the capacitor bank for the particular Flash module requires a repair.

For a complete list of the features supported, refer to the *Nytro XP6000 Series Application Acceleration Cards Product Brief* and *Nytro XP6000 Application Acceleration Card User Guide*.

SUPPORTED PRODUCTS

The following products use the Seagate Nytro WarpDrive and Nytro XP6302 firmware.

Table 1 Nytro WarpDrive and Nytro XP6302 Products

DEVICE NAMES	MODEL NAMES	USABLE CAPACITY
Nytro XP6302	XP6302-8B1536	1300 GB
Nytro XP6302	XP6302-8B2048	1750 GB

SOFTWARE COMPONENTS AND DRIVERS

The following table lists the current versions of the software components for the Nytro WarpDrive and Nytro XP6302 cards.

Table 2 Nytro WarpDrive and Nytro XP6302Cards Software Components

SEAGATE DRIVER	VERSION
Microsoft® Windows® ■ Windows Server® 2012 R2 x64 and x32	2.10.68.01
RHEL x64 and x32 ■ 6.3 to 6.5	18.00.01.00-1
VMware® x64 ■ 5.5 ESXi	18.00.00.00.1VMW
CentOS® ■ 6.2 to 6.5	18.00.01.00-1
NYTRO WARPDRIVE AND NYTRO XP6302 FIRMWARE/BIOS	FIRMWARE PACKAGE VERSION
Nytro WarpDrive and Nytro XP6302 firmware revision	112.00.03.00
Nytro WarpDrive and Nytro XP6302 package revision	XP6302-8B1536 – 12.00.59.00 XP6302-8B2048 – 12.00.09.00
Nytro WarpDrive and Nytro XP6302 BIOS revision	110.00.00.00
Nytro WarpDrive and Nytro XP6302 UEFI BIOS	7.18.05.03

Table 2 Nytro WarpDrive and Nytro XP6302Cards Software Components (continued)

NYTRO FLASH MODULE	VERSION
1E512	I.6.5
SEAGATE UTILITY	VERSION
DDCLI for Linux, Windows, VMware, FreeBSD, and Solaris	112.00.07.00

Download the latest software components and drivers, from the Seagate website:
<http://www.seagate.com/about/contact-us/technical-support/>.



Seagate Technology LLC

AMERICAS Seagate Technology LLC 10200 South De Anza Boulevard, Cupertino, California 95014, United States, 408-658-1000

ASIA/PACIFIC Seagate Singapore International Headquarters Pte. Ltd. 7000 Ang Mo Kio Avenue 5, Singapore 569877, 65-6485-3888

EUROPE, MIDDLE EAST AND AFRICA Seagate Technology SAS 16-18 rue du Dôme, 92100 Boulogne-Billancourt, France, 33 1-4186 10 00

Publication Number: 100769091

December 2014