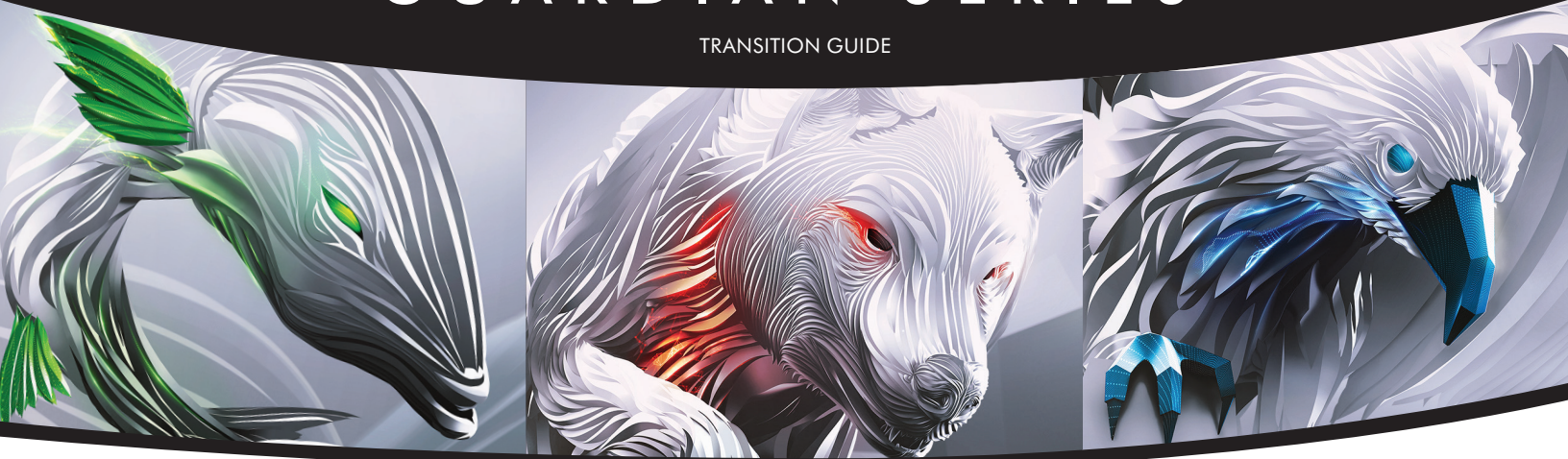




# GUARDIAN SERIES

TRANSITION GUIDE



Forged from a legacy of leading technology, purpose-built for the future

Introducing Seagate's new series of highly engineered storage, the Guardian Series of internal drives. This launch is aligned with the announcement of a dramatic storage technology milestone: **10TB capacities** for each product family in this new portfolio.

The precise product for every need

The Guardian Series is comprised of the **BarraCuda**® line of personal compute and gaming drives, the **IronWolf**™ line of NAS and RAID drives, and the **SkyHawk**™ line of surveillance drives.

Data is elemental

The Guardian Series products build on decades of Seagate engineering innovation to provide our customers with future-facing solutions to preserve, access and maximize the value of their data. This streamlined and simplified naming scheme is inspired by the understanding that *data is alive*, drawing inspiration from the elements around us—the land, sea and air.

## Introducing the Guardian Series



### BarraCuda and BarraCuda Pro

**Versatile.** HDDs for all your PC needs bring you industry-leading excellence in personal computing.

**Dependable.** For over 20 years, the BarraCuda family has delivered ultra-reliable storage for the hard drive industry.

**Fast.** Step up to BarraCuda Pro for higher capacities, faster speeds enabled by 7200 RPM and a larger cache, and a 5-year limited warranty.



### FireCuda™

**Fast.** Save time with a drive that boots in seconds, not minutes. Up to 5× faster than standard hard drives to boost your productivity and game load speeds.

**Big.** With up to 2TB of storage, FireCuda lets you store up to 80 25GB games. Make deleting games and files for disk space a thing of the past.

**Durable.** FireCuda's 5-year limited warranty is best-in-class for hard drive warranties.



### IronWolf and IronWolf Pro<sup>1</sup>

**Tough.** 24×7 performance with multi-user technology for higher user workloads, and the first drives built for NAS to be equipped with rotational vibration (RV) sensors.<sup>2</sup>

**Ready.** AgileArray™ provides for drive balance, RAID optimization and advanced power management.

**Scalable.** Up to 10TB means there's a scalable solution for any NAS use case.



### SkyHawk

**Smart.** ImagePerfect™ firmware for smooth video streaming in 24×7 surveillance-optimized workloads supporting up to 64 HD cameras.

**Safe.** Workload rating of 180TB/year—3× the workload rating of desktop drives—for reliable write-intensive performance.

**Secure.** Protect your data against the unexpected with an optional Rescue Data Recovery Service plan.<sup>3</sup>

<sup>1</sup> Coming in Fall 2016. For immediate needs, please see Seagate Enterprise NAS HDD.

<sup>2</sup> R/V sensor available in 6, 8, and 10TB capacities.

<sup>3</sup> Rescue Data Recovery Service options coming in Fall 2016.



# GUARDIAN SERIES

## Transition Chart

Product	Form Factor	Former Name	Capacity <sup>1</sup>	New ST Model	Former ST Model	Audience	Key Technologies
BarraCuda							
	2.5 inch	Mobile HDD	1TB <sup>2</sup>	ST1000LM048	ST1000LM035	Mobile and Laptop Upgraders	Multi-Tier Caching Technology, Highest Areal Density in 7mm Form Factor
			2TB <sup>2</sup>	ST2000LM015	ST2000LM007		
	3.5 inch	Desktop HDD	500GB	ST500DM009	ST500DM002	Desktop Upgraders	Multi-Tier Caching Technology
			1TB <sup>3</sup>	ST1000DM010	ST1000DM003		
			2TB	ST2000DM007	ST2000DM002		
			2TB	ST2000DM006	ST2000DM001		
			3TB	ST3000DM009	ST3000DM002		
			3TB	ST3000DM008	ST3000DM001		
	4TB <sup>3</sup>	ST4000DM005	ST4000DM000				
BarraCuda Pro							
	3.5 inch	Desktop HDD	6TB <sup>3</sup>	ST6000DM004	ST6000DM001	High-Performance Desktop Upgraders, Creative Pros	7200 RPM, 128MB and 256MB Cache
			8TB <sup>3</sup>	ST8000DM005	ST8000DM002		
		—	10TB	ST10000DM0004	—		
FireCuda							
	3.5 inch	Desktop SSHD	1TB	ST1000DX002	ST1000DX001	Gamers, Tech Enthusiasts, Creative Pros	Flash-Enabled Performance
			2TB	ST2000DX002	ST2000DX001		
SkyHawk							
	3.5 inch	Surveillance HDD	1TB <sup>4</sup>	ST1000VX005	ST1000VX001	Manufacturers and Surveillance System Integrators	ImagePerfect
			2TB <sup>4</sup>	ST2000VX008	ST2000VX003		
			3TB <sup>4</sup>	ST3000VX010	ST3000VX006		
			4TB <sup>4</sup>	ST4000VX007	ST4000VX000		
			6TB <sup>4</sup>	ST6000VX0023	ST6000VX0003		
			8TB <sup>4</sup>	ST8000VX0022	ST8000VX0002		
		—	10TB	ST10000VX0004	—		
		IronWolf					
	3.5 inch	NAS HDD	1TB <sup>5</sup>	ST1000VN002	ST1000VN000	Home, Creative Pros, Prosumer, SMB, SOHO, System Integrators, VAR	AgileArray, Multi-User Technology, Rotational Vibration (RV) Sensor <sup>6</sup>
			2TB <sup>5</sup>	ST2000VN004	ST2000VN000		
			3TB <sup>5</sup>	ST3000VN007	ST3000VN000		
			4TB <sup>5</sup>	ST4000VN008	ST4000VN000		
			6TB <sup>5</sup>	ST6000VN0041	ST6000VN0021		
			8TB <sup>5</sup>	ST8000VN0022	ST8000VN0002		
			10TB	ST10000VN0004	—		

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to drive capacity.

2 Coming in Fall 2016. For immediate needs, see Seagate Mobile HDD.

3 Coming in Fall 2016. For immediate needs, see Seagate Desktop HDD.

4 Coming in Fall 2016. For immediate needs, see Seagate Surveillance HDD.

5 Coming in Fall 2016. For immediate needs, see Seagate NAS HDD.

6 R/V sensor available in 6, 8, and 10TB capacities.

seagate.com



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

© 2016 Seagate Technology LLC. All rights reserved. Seagate, Seagate Technology and the Spiral logo are registered trademarks of Seagate Technology LLC in the United States and/or other countries. AgileArray, BarraCuda, FireCuda, ImagePerfect, IronWolf and SkyHawk 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. 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. Quantitative usage examples for various applications are for illustrative purposes. Actual quantities will vary based on various factors, including file size, file format, features and application software. Actual data rates may vary depending on operating environment and other factors. Seagate reserves the right to change, without notice, product offerings or specifications. SC594.1-1606, June 2016