

2.5-inch Products



FireCuda™

The Fastest PC Compute Drive for gamers and performance enthusiasts.

- Ideal for gaming and performance laptop systems
- Up to 5x faster than a traditional HDD
- 5-yr limited warranty

Capacity	Model Number	Z-Height	Interface	Flash Type	Power (Idle)	UPC
2TB	ST2000LX001	7mm	SATA 6GB/s	8GB NAND	0.5W	763649071298
1TB	ST1000LX015	7mm	SATA 6GB/s	8GB NAND	0.45W	763649069073
500GB	ST500LX025	7mm	SATA 6GB/s	8GB NAND	0.45W	763649069103

BarraCuda™

Unmatched Versatility, Performance, and Dependability for mobile PC users.

- Ideal for laptop designs, external storage and all-in-one PCs
- 7mm and 15mm z-heights
- 2-yr limited warranty

Capacity	Model Number	Z-Height	Interface	Transfer Rate	Power (Idle)	UPC
5TB	ST5000LM000	15mm	SATA 6GB/s	Up to 140MB/s	1.1W	763649091647
4TB	ST4000LM024	15mm	SATA 6GB/s	Up to 140MB/s	1.1W	763649091661
3TB	ST3000LM024	15mm	SATA 6GB/s	Up to 140MB/s	1.1W	763649091678
2TB	ST2000LM015	7mm	SATA 6GB/s	Up to 140MB/s	0.5W	763649110997
1TB	ST1000LM048	7mm	SATA 6GB/s	Up to 140MB/s	0.45W	763649110980
500GB	ST500LM030	7mm	SATA 6Gb/s	Up to 140MB/s	0.45W	763649089200

Laptop SSHDs

Delivering maximum performance, capacity and security for 9.5mm, 7mm and 5mm laptop storage

- Ideal for performance laptop systems
- Up to 5x faster than a traditional 5400-RPM HDD
- 5-yr limited warranty

Product	Capacity	Model Number	Z-Height	Interface	Flash Type	Annualized Failure Rate	Power (Idle)	UPC	SED	FIPS
Laptop SSHD	1TB	ST1000LX001	9.5mm	SATA 6GB/s	32GB NAND	0.48%	0.9W	763649044322		
Laptop SSHD	1TB	ST1000LM014	9.5mm	SATA 6GB/s	8GB NAND	0.48%	0.9W	763649042670		
Laptop SSHD	1TB	ST1000LM015	9.5mm	SATA 6GB/s	8GB NAND	0.48%	0.9W	763649044315	✓	
Laptop SSHD	1TB	ST1000LM028	9.5mm	SATA 6GB/s	8GB NAND	0.48%	0.9W		✓	✓
Laptop SSHD Kit	1TB	STB1000400	9.5mm	SATA 6GB/s	8GB NAND	0.48%	0.9W			
Laptop Thin SSHD	500GB	ST500LM000	7mm	SATA 6GB/s	8GB NAND	0.48%	0.9W	763649042694		
Laptop Thin SSHD	500GB	ST500LM001	7mm	SATA 6GB/s	8GB NAND	0.48%	0.9W	763649042946	✓	
Laptop Thin SSHD	500GB	ST500LM020	7mm	SATA 6GB/s	8GB NAND	0.48%	0.9W		✓	✓

Laptop HDDs

Features, price and capacity points that enable no-compromise, lightweight designs for laptop computing

- Ideal for thin and standard laptop designs
- 2-yr limited warranty

Product	Capacity	Model Number	Z-Height	Interface	Spin Speed	Annualized Failure Rate	Power (Idle)	UPC	SED	FIPS
Laptop HDD	4TB	ST4000LM016	15mm	SATA 6GB/s	5400-RPM		0.85W	763649067260		
Laptop HDD	3TB	ST3000LM016	15mm	SATA 6GB/s	5400-RPM		0.85W	763649067277		
Laptop HDD	2TB	ST2000LM003	9.5mm	SATA 6GB/s	5400-RPM	0.48%	0.7W	763649047101		
Laptop HDD Kit	2TB	STBD2000102	9.5mm	SATA 6GB/s	5400-RPM	0.48%				
Laptop HDD	1TB	ST1000LM024	9.5mm	SATA 6GB/s	5400-RPM	0.48%	0.7W	763649036655		
Laptop HDD Kit	1TB	STBD1000100	9.5mm	SATA 6GB/s	5400-RPM	0.48%				
Laptop Thin HDD	500GB	ST500LM021	7mm	SATA 6Gb/s	7200-RPM	0.48%	0.65W	763649053744		

Desktop/Laptop/Mobile Product List

Internal Drives – Nov/Dec 2016

Laptop HDD (cont.)

Product	Capacity	Model Number	Z-Height	Interface	Spin Speed	Annualized Failure Rate	Power (Idle)	UPC	SED	FIPS
Laptop Thin HDD	500GB	ST500LT012	7mm	SATA 6GB/s	5400-RPM	0.48%	0.45W	763649042830		
Laptop Thin HDD	500GB	ST500LT025	7mm	SATA 6GB/s	5400-RPM	0.48%	0.45W	763649045169	✓	
Laptop Thin HDD	500GB	ST500LT015	7mm	SATA 6GB/s	5400-RPM	0.48%	0.45W	763649045299	✓	✓
Laptop Thin HDD	320GB	ST320LM010	7mm	SATA 6Gb/s	7200-RPM	0.48%	0.65W	763649053751		
Laptop Thin HDD	320GB	ST320LT012	7mm	SATA 6GB/s	5400-RPM	0.48%	0.45W	763649042823		
Laptop Thin HDD	250GB	ST250LT012	7mm	SATA 6GB/s	5400-RPM	0.48%	0.45W	763649042809		

Mobile HDDs

Rugged and responsive 5mm and 7mm storage options for design flexibility

- Ideal for tablets, slim notebooks, ultrabooks, convertibles and detachable devices
- 2-yr limited warranty

Product	Capacity	Model Number	Z-Height	Interface	Power (Idle)	Maximum Sustained Data Rate	UPC	SED
Mobile HDD	2TB	ST2000LM007	7mm	SATA 6Gb/s	0.5W	100MB/s	763649062104	
Mobile HDD	2TB	ST2000LM009	7mm	SATA 6Gb/s	0.5W	100MB/s		✓
Mobile HDD	2TB	ST2000LM010	7mm	SATA 6Gb/s	0.5W	100MB/s		✓
Mobile HDD	1TB	ST1000LM035	7mm	SATA 6Gb/s	0.45W	100MB/s	763649062128	
Mobile HDD	1TB	ST1000LM037	7mm	SATA 6Gb/s	0.45W	100MB/s		✓
Mobile HDD	1TB	ST1000LM038	7mm	SATA 6Gb/s	0.45W	100MB/s		✓
Laptop Ultrathin HDD	500GB	ST500LT033	5mm	SATA 6GB/s	0.48W	100MB/s		✓
Laptop Ultrathin HDD	320GB	ST500LT030	5mm	SATA 6GB/s	0.48W	100MB/s		

3.5-inch Products



FireCuda™

The Fastest PC Compute Drive available for gamers and performance enthusiasts.

- Ideal for gaming, performance desktop systems and workstations
- Up to 5x faster than a traditional 5400-RPM HDD
- 5-yr limited warranty

Capacity	Model Number	Interface	Flash Type	Z-Height	Power (Operating)	Power (Idle)	Warranty	UPC
2TB	ST2000DX002	SATA 6GB/s	8GB NAND	7mm	6.7W	4.5W	5yr	763649110270
1TB	ST1000DX002	SATA 6GB/s	8GB NAND	7mm	5.9W	3.36W	5yr	763649110263

BarraCuda Pro

Unmatched Versatility, Performance, and Dependability for Creative Pros and Performance PC Users.

- Ideal for desktops, creative pro systems and home servers
- 2-yr Rescue Data Recovery Plan included for peace of mind against disasters
- 5-yr limited warranty

Capacity	Model Number	Cache	Interface	Format	Max Sustained Data Rate	Warranty	RPM	Rescue Service	UPC
10TB	ST10000DM0004	256MB	SATA 6Gb/s	4K	220MB/s	5yr	7200 RPM	✓	763649089224
8TB	ST8000DM005	256MB	SATA 6Gb/s	4K	220MB/s	5yr	7200RPM	✓	763649110836
6TB	ST6000DM004	256MB	SATA 6Gb/s	4K	220MB/s	5yr	7200RPM	✓	763649110843

Desktop/Laptop/Mobile Product List

Internal Drives – Nov/Dec 2016

BarraCuda

The most versatile hard drive portfolio today.

- Ideal for desktop designs
- 2-yr limited warranty

Capacity	Model Number	Cache	Interface	Format	Max Sustained Data Rate	UPC
4TB	ST4000DM005	64MB	SATA 6Gb/s	4K	180MB/s	763649110546
3TB	ST3000DM008	64MB	SATA 6Gb/s	4K	210MB/s	763649110225
3TB	ST3000DM009	64MB	SATA 6Gb/s	4K	210MB/s	
2TB	ST2000DM006	64MB	SATA 6Gb/s	4K	210MB/s	763649110218
2TB	ST2000DM007	64MB	SATA 6Gb/s	4K	210MB/s	
1TB	ST1000DM010	64MB	SATA 6Gb/s	4K	210MB/s	763649110928
500GB	ST500DM009	32MB	SATA 6Gb/s	4K	210MB/s	763649110232

Desktop SSHDs

Hybrid drive delivering speed and capacity for gaming and high-performance desktop applications

- Ideal for performance desktop designs
- Performs 4x faster than 7200-RPM desktop HDDs
- 5-yr limited warranty

Product	Capacity	Model Number	Interface	Flash Type	Power (Operating)	Format	Max Sustained Data Rate	Annualized Failure Rate	UPC
Desktop SSHD	4TB	ST4000DX001	SATA 6Gb/s	8GB MLC	7.5W	4K	180MB/s	<1%	763649036341
Desktop SSHD Kit	4TB	STCL4000400	SATA 6Gb/s	8GB MLC	7.5W	4K	180MB/s	<1%	
Desktop SSHD	2TB	ST2000DX001	SATA 6Gb/s	8GB MLC	6.7 W	4K	210MB/s	<1%	763649037775
Desktop SSHD Kit	2TB	STCL2000400	SATA 6Gb/s	8GB MLC	6.7 W	4K	210MB/s	<1%	
Desktop SSHD	1TB	ST1000DX001	SATA 6Gb/s	8GB MLC	5.9W	4K	210MB/s	<1%	763649037768

Desktop HDDs

High-capacity hard disk drive for desktop applications at an affordable price

- Ideal for desktop designs
- 2-yr limited warranty

Product	Capacity	Model Number	Cache	Interface	Format	Max Sustained Data Rate	UPC
Desktop HDD	8TB	ST8000DM002	256MB	SATA 6Gb/s	4K	220MB/s	763649088524
Desktop HDD Kit	6TB	STBD6000100	128MB	SATA 6Gb/s	4K	220MB/s	
Desktop HDD	6TB	ST6000DM001	128MB	SATA 6Gb/s	4K	220MB/s	763649075821
Desktop HDD	5TB	ST5000DM002	128MB	SATA 6Gb/s	4K	220MB/s	763649075814
Desktop HDD	4TB	ST4000DM000	64MB	SATA 6Gb/s	4K	180MB/s	763649036327
Desktop HDD Kit	4TB	STBD4000400	64MB	SATA 6Gb/s	4K	180MB/s	
Desktop HDD	3TB	ST3000DM001	64MB	SATA 6Gb/s	4K	210MB/s	763649027387
Desktop HDD Kit	3TB	STBD3000100	64MB	SATA 6Gb/s	4K	210MB/s	
Desktop HDD	2TB	ST2000DM001	64MB	SATA 6Gb/s	4K	210MB/s	763649027455
Desktop HDD Kit	2TB	STBD2000101	64MB	SATA 6Gb/s	4K	210MB/s	
Desktop HDD	1TB	ST1000DM003	64MB	SATA 6Gb/s	4K	210MB/s	763649027363
Desktop HDD Kit	1TB	ST310005N1A1AS-RK	64MB	SATA 6Gb/s	4K	210MB/s	
Desktop HDD	500GB	ST500DM002	16MB	SATA 6Gb/s	4K	144MB/s	763649032046
Desktop HDD	320GB	ST320DM000	16MB	SATA 6Gb/s	4K	144MB/s	763649032053
Desktop HDD	250GB	ST250DM000	16MB	SATA 6Gb/s	4K	144MB/s	763649032060

Seagate Desktop, Mobile and Specialty Model Number Key

ST 500 DX 001

BRAND	CAPACITY	SEGMENT	ATTRIBUTES
2 letters ST= Seagate	2 to 4 digits 80 = 80GB 500 = 500GB 1500 = 1500GB Capacities >9999GB: 10 = 10TB 15 = 15TB	2 letters DM = Desktop Mainstream DX = Desktop Performance LM = Mobile Performance LT = Mobile Thin VM, VT = CE-DVR VN = NAS, 2.5-Inch VX = Video Surveillance	3 digits, non-intelligent Varies for: Z-heights Form Factor RPM Cache Interface SED, FIPS Drop Sensor Interface Speed

Desktop/Laptop/Mobile Product List

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