

Quick-Reference Guide

LAPTOP, DESKTOP AND VIDEO STORAGE DRIVES



Segment	Family Platform	Model Number	Part Number	FF (in)	Capacity ¹	Interface	Cache (MB)	Warranty, Limited (yrs)	Options		
LAPTOP	Performance	Laptop SSHD	ST1000LM014	1EJ164	2.5	1TB	SATA	6Gb/s	64	3	Solid state hybrid drive
		Laptop Thin SSHD	ST500LM000	1EJ162	2.5	500GB	SATA	6Gb/s	64	3	Solid state hybrid drive
	Mainstream	Momentus [®]	ST9750420AS ⁴	9RT14G	2.5	750GB	SATA	3Gb/s	16	2	
			ST9500423AS ⁴	9RT143	2.5	500GB	SATA	3Gb/s	16	2	
			ST9500325AS	9HH134	2.5	500GB	SATA	3Gb/s	8	2	
			ST9500325ASG	9KAG34	2.5	500GB	SATA	3Gb/s	8	2	G-Force Protection™
			ST9500327AS	9PR134	2.5	500GB	SATA	3Gb/s	8	2	Encryption
			ST9320423AS	9HV14E	2.5	320GB	SATA	3Gb/s	16	2	
			ST320LT023 ^{3,4}	1AF142	2.5	320GB	SATA	3Gb/s	16	2	
			ST9320325AS	9HH13E	2.5	320GB	SATA	3Gb/s	8	2	
			ST9250410AS	9HV142	2.5	250GB	SATA	3Gb/s	16	2	
	ST9250315AS	9HH132	2.5	250GB	SATA	3Gb/s	8	2			
	Thin (7mm z-height)	Momentus Thin	ST500LT025	1A5142	2.5	500GB	SATA	3GB/s	16	2	Encryption
			ST500LT015	9WU142	2.5	500GB	SATA	3GB/s	16	2	Encryption/FIPS Validated ²
			ST500LT012 ⁴	9WS142	2.5	500GB	SATA	3GB/s	16	2	
			ST320LT007 ⁴	9ZV142	2.5	320GB	SATA	3Gb/s	16	2	
			ST320LT014 ⁴	9YK142	2.5	320GB	SATA	3Gb/s	16	2	Encryption
			ST320LT009 ^{2,4}	9WC142	2.5	320GB	SATA	3Gb/s	16	2	Encryption/FIPS Validated ²
			ST320LT020 ⁴	9YG142	2.5	320GB	SATA	3Gb/s	16	2	
ST320LT012			9WS14C	2.5	320GB	SATA	3Gb/s	16	2		
ST250LT007 ⁴			9ZV14C	2.5	250GB	SATA	3Gb/s	16	2		
ST250LT003 ⁴			9YG14C	2.5	250GB	SATA	3Gb/s	16	2		
ST250LT012			9WS141	2.5	250GB	SATA	3Gb/s	16	2		

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Segment	Family Platform	Model Number	Part Number	FF (in)	Capacity ¹	Interface	Cache (MB)	Warranty, Limited (yrs)	Options		
DESKTOP	Performance	Desktop SSHD	ST2000DX001	1CM164	3.5	2TB	SATA	6Gb/s	64	3	Solid state hybrid drive
			ST1000DX001	1CM162	3.5	1TB	SATA	6Gb/s	64	3	Solid state hybrid drive
	Mainstream	Desktop HDD	ST4000DM000	1F2168	3.5	4TB	SATA	6G/s	64	2	
			ST3000DM001 ⁶	9YN166	3.5	3TB	SATA	6Gb/s	64	2	
			ST2000DM001 ⁶	9YN164	3.5	2TB	SATA	6Gb/s	64	2	
			ST1000DM003 ⁶	9YN162	3.5	1TB	SATA	6Gb/s	64	2	
			ST500DM002 ^{5,6}	1BC142	3.5	500GB	SATA	6Gb/s	16	2	
ST320DM000 ^{5,6}	1BD14C	3.5	320GB	SATA	6Gb/s	16	2				
ST250DM000 ^{5,6}	1BD141	3.5	250GB	SATA	6Gb/s	16	2				
VIDEO STORAGE	Surveillance	SV35 Series™	ST3000VX000	9YW166	3.5	3TB	SATA	6Gb/s	64	3	
			ST2000VX000	9YW164	3.5	2TB	SATA	6Gb/s	64	3	
			ST1000VX000	9YW162	3.5	1TB	SATA	6Gb/s	64	3	
	Video 2.5 HDD	ST500VT000	1BS142	2.5	500GB	SATA	3Gb/s	16	3		
		ST320VT000	1BS14C	2.5	320GB	SATA	3Gb/s	16	3		
		ST250VT000	1BS141	2.5	250GB	SATA	3Gb/s	16	3		
	DVR	Pipeline HD®	ST2000VM003	1CT164	3.5	2TB	SATA	3Gb/s	64	3	
			ST1000VM002	9ZL162	3.5	1TB	SATA	6Gb/s	64	3	
			ST3500312CS	9GW132	3.5	500GB	SATA	3Gb/s	8	3	
			ST3320311CS	9GW13C	3.5	320GB	SATA	3Gb/s	8	3	
ST3250312CS	9GW131	3.5	250GB	SATA	3Gb/s	8	3				

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to hard drive capacity.
 2 See FIPS 140-2 Level 2 Certificate at <http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401vend.htm>.
 3 7mm z-height expanded to 9.5mm enables compatibility with standard laptop chassis.
 4 Advanced Format 4K sector drive with SmartAlign™ technology resolves misalignment conditions.
 5 Seagate ships this drive in both 4K- and 512-byte sectors. SmartAlign technology is included on 4K sector drives. Both drives are functionally and physically equivalent.
 6 Formerly Barracuda® drive

New Seagate Model Number Key

Desktop, laptop and video storage

ST 500 DX 001

BRAND

2 letters

ST= Seagate
MX= Maxtor

CAPACITY

2 to 4 digits

80 = 80GB
500 = 500GB
1500 = 1500GB

Capacities >9999GB:
10 = 10TB
15 = 15TB

SEGMENT

2 letters

DX = Desktop Premium
DM = Mainstream
DL = Entry Level
LX = Laptop Premium
LM = Laptop Mainstream
LT = Laptop Thin
VX = Surveillance
VM = DVR
VT = DVR Thin

ATTRIBUTES

3 digits, non-intelligent

Varies for:
Z-heights
Form Factor
RPM
Cache
Interface
SED, FIPS
Drop Sensor
Interface Speed

View a brief training presentation on how our model number format has changed at www.brainshark.com/seagate/ModelNumber



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