

NOVEMBER 2012

Quick-Reference Guide

LAPTOP, DESKTOP AND VIDEO STORAGE DRIVES



Segment	Family Platform	RPM	Model Number	Part Number	FF (in)	Capacity¹	Interface	Cache (MB)	Warranty, Limited (yrs)	Options		
LAPTOP	Performance	Momentus® XT	7200	ST750LX003	1AC154	2.5	750GB	SATA	6Gb/s	32	3	Solid state hybrid drive (SSHD) with FAST Factor™
				ST95005620AS	9UZ154	2.5	500GB	SATA	3Gb/s	32	3	Solid state hybrid drive (SSHD)
	Mainstream	Momentus	7200	ST9750420AS⁴	9RT14G	2.5	750GB	SATA	3Gb/s	16	2	
				ST9500423AS⁴	9RT143	2.5	500GB	SATA	3Gb/s	16	2	
				ST9500420ASG	9PSG44	2.5	500GB	SATA	3Gb/s	16	2	G-Force Protection™
				ST9500421AS	9PT144	2.5	500GB	SATA	3Gb/s	16	2	Encryption
				ST9500422AS²	9PU144	2.5	500GB	SATA	3Gb/s	16	2	Encryption/FIPS Validated²
				ST9320423AS	9HV14E	2.5	320GB	SATA	3Gb/s	16	2	
				ST320LT023³,⁴	1AF142	2.5	320GB	SATA	3Gb/s	16	2	
				ST9250410AS	9HV142	2.5	250GB	SATA	3Gb/s	16	2	
				ST250LT021³,⁴	1AF14C	2.5	250GB	SATA	3Gb/s	16	2	
				ST9250410ASG	9PSG42	2.5	250GB	SATA	3Gb/s	16	2	G-Force Protection™
				ST9250411AS	9JA152	2.5	250GB	SATA	3Gb/s	16	2	Encryption
				ST9250412AS²,⁴	9PU142	2.5	250GB	SATA	3Gb/s	16	2	Encryption/FIPS Validated²
			5400	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
				ST9320325AS	9HH13E	2.5	320GB	SATA	3Gb/s	8	2	
				ST320LT022³,⁴	1AE142	2.5	320GB	SATA	3Gb/s	16	2	
				ST9250315AS	9HH132	2.5	250GB	SATA	3Gb/s	8	2	
				ST250LT020³,⁴	1AE14C	2.5	250GB	SATA	3Gb/s	16	2	
				ST9250317AS	9PR132	2.5	250GB	SATA	3Gb/s	8	2	Encryption
	Thin (7mm z-height)	Momentus Thin	7200	ST320LT007⁴	9ZV142	2.5	320GB	SATA	3Gb/s	16	2	
				ST320LT014⁴	9YK142	2.5	320GB	SATA	3Gb/s	16	2	Encryption
				ST320LT009²,⁴	9WC142	2.5	320GB	SATA	3Gb/s	16	2	Encryption/FIPS Validated²
				ST250LT007⁴	9ZV14C	2.5	250GB	SATA	3Gb/s	16	2	
				ST250LT014⁴	9YK14C	2.5	250GB	SATA	3Gb/s	16	2	Encryption
				ST250LT009²,⁴	9WC14C	2.5	250GB	SATA	3Gb/s	16	2	Encryption/FIPS Validated²
			5400	ST500LT025	1A5142	2.5	500GB	SATA	3GB/s	16	2	Encryption
				ST500LT015	9WU142	2.5	500GB	SATA	3GB/s	16	2	Encryption/FIPS Validated²
				ST500LT012⁴	9WS142	2.5	500GB	SATA	3GB/s	16	2	
				ST320LT020⁴	9YG142	2.5	320GB	SATA	3Gb/s	16	2	
				ST320LT012	9WS14C	2.5	320GB	SATA	3Gb/s	16	2	
				ST250LT003⁴	9YG14C	2.5	250GB	SATA	3Gb/s	16	2	
				ST250LT012	9WS141	2.5	250GB	SATA	3Gb/s	16	2	

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LAPTOP, DESKTOP AND VIDEO STORAGE DRIVES



Segment	Family Platform	RPM	Model Number	Part Number	FF (in)	Capacity ¹	Interface	Cache (MB)	Warranty, Limited (yrs)	Options
DESKTOP	Mainstream	7200	ST3000DM001	9YN166	3.5	3TB	SATA	6Gb/s	2	
			ST2000DM001	9YN164	3.5	2TB	SATA	6Gb/s	2	
			ST1000DM003	9YN162	3.5	1TB	SATA	6Gb/s	2	
			ST500DM002 ⁵	1BC142	3.5	500GB	SATA	6Gb/s	2	
			ST320DM000 ⁵	1BD14C	3.5	320GB	SATA	6Gb/s	2	
			ST250DM000 ⁵	1BD141	3.5	250GB	SATA	6Gb/s	2	
VIDEO STORAGE	Surveillance	7200	ST3000VX000	9YW166	3.5	3TB	SATA	6Gb/s	3	
			ST2000VX000	9YW164	3.5	2TB	SATA	6Gb/s	3	
			ST1000VX000	9YW162	3.5	1TB	SATA	6Gb/s	3	
	DVR	5900	ST2000VM002	9UY166	3.5	2TB	SATA	3Gb/s	3	
			ST1000VM002	9ZL162	3.5	1TB	SATA	6Gb/s	3	
			ST3500312CS	9GW132	3.5	500GB	SATA	3Gb/s	3	
			ST320311CS	9GW13C	3.5	320GB	SATA	3Gb/s	3	
			ST3250312CS	9GW131	3.5	250GB	SATA	3Gb/s	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.

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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