



# Product Listing

OCTOBER 2012 | AMER



# Holidays happen.



*Back them up.*

With a Backup Plus drive,  
they'll never miss the moment.



# External Storage

| PRODUCT NAME                              |     | CAPACITY <sup>1</sup> | KIT NUMBER <sup>2</sup> | INTERFACE            | COLOR        | OS      |
|-------------------------------------------|-----|-----------------------|-------------------------|----------------------|--------------|---------|
| Backup Plus                               |     | 1TB                   | STBU1000100             | USB 3.0              | Black        | PC, Mac |
|                                           |     | 1TB                   | STBU1000101             | USB 3.0              | Silver       | PC, Mac |
|                                           |     | 1TB                   | STBU1000102             | USB 3.0              | Blue         | PC, Mac |
|                                           |     | 1TB                   | STBU1000103             | USB 3.0              | Red          | PC, Mac |
|                                           |     | 750GB                 | STBU750100              | USB 3.0              | Black        | PC, Mac |
|                                           |     | 500GB                 | STBU500100              | USB 3.0              | Black        | PC, Mac |
|                                           |     | 500GB                 | STBU500101              | USB 3.0              | Silver       | PC, Mac |
|                                           |     | 500GB                 | STBU500102              | USB 3.0              | Blue         | PC, Mac |
|                                           |     | 500GB                 | STBU500103              | USB 3.0              | Red          | PC, Mac |
| Backup Plus for Mac                       | New | 1TB                   | STBW1000301             | USB 3.0              | Silver/White | Mac, PC |
|                                           | New | 500GB                 | STBW500301              | USB 3.0              | Silver/White | Mac, PC |
| Thunderbolt™ Backup Plus for Mac Portable | New | 1TB                   | STBW1000401             | Thunderbolt          | Black        | Mac, PC |
| Backup Plus Desktop                       |     | 4TB                   | STCA4000100             | USB 3.0              | Black        | PC, Mac |
|                                           |     | 3TB                   | STCA3000100             | USB 3.0              | Black        | PC, Mac |
|                                           |     | 2TB                   | STCA2000100             | USB 3.0              | Black        | PC, Mac |
|                                           |     | 1TB                   | STCA1000100             | USB 3.0              | Black        | PC, Mac |
| Backup Plus Desktop for Mac               | New | 3TB                   | STCB3000900             | FireWire 800/USB 3.0 | Black/Silver | Mac, PC |
|                                           | New | 2TB                   | STCB2000900             | FireWire 800/USB 3.0 | Black/Silver | Mac, PC |
| Thunderbolt Backup Plus for Mac Desktop   | New | 3TB                   | STCB3000400             | Thunderbolt          | Black        | Mac, PC |
| Slim                                      |     | 500GB                 | STCD500100              | USB 3.0              | Black        | PC, Mac |
| Slim for Mac                              | New | 500GB                 | STCF500400              | USB 3.0              | Black        | Mac, PC |
| Expansion Portable                        | New | 1TB                   | STBX1000101             | USB 3.0              | Black        | PC      |
|                                           | New | 750GB                 | STBX750100              | USB 3.0              | Black        | PC      |
|                                           |     | 500GB                 | STBX500100              | USB 3.0              | Black        | PC      |
| Expansion Desktop                         |     | 3TB                   | STBV3000100             | USB 3.0              | Black        | PC      |
|                                           |     | 2TB                   | STBV2000100             | USB 3.0              | Black        | PC      |
|                                           |     | 1TB                   | STBV1000100             | USB 3.0              | Black        | PC      |
| GoFlex Satellite™                         |     | 500GB                 | STBF500101              | Wi-Fi/USB 3.0        | Black        | PC, Mac |
| GoFlex Home                               |     | 3TB                   | STAM3000100             | SATA/GigE            | —            | PC, Mac |
|                                           |     | 2TB                   | STAM2000100             | SATA/GigE            | —            | PC, Mac |
|                                           |     | 1TB                   | STAM1000100             | SATA/GigE            | —            | PC, Mac |

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to drive capacity.  
2 U.S. retail model numbers shown

| PRODUCT NAME        | CAPACITY <sup>1</sup> | KIT NUMBER <sup>2</sup> | INTERFACE        | COLOR | OS      |
|---------------------|-----------------------|-------------------------|------------------|-------|---------|
| BlackArmor® NAS 440 | 12TB                  | STAU12000100            | Gigabit Ethernet | Black | PC, Mac |
|                     | 8TB                   | ST380005SHA10G-RK       | Gigabit Ethernet | Black | PC, Mac |
|                     | 4TB                   | ST340005SHA10G-RK       | Gigabit Ethernet | Black | PC, Mac |
| BlackArmor NAS 400  | —                     | STAR401                 | Gigabit Ethernet | Black | PC, Mac |
| BlackArmor NAS 220  | 6TB                   | STAV6000100             | Gigabit Ethernet | Black | PC, Mac |
|                     | 4TB                   | ST340005LSA10G-RK       | Gigabit Ethernet | Black | PC, Mac |
|                     | 2TB                   | ST320005LSA10G-RK       | Gigabit Ethernet | Black | PC, Mac |

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2 U.S. retail model numbers shown.

| EXTERNAL STORAGE APPLICATIONS |                                                                                                                                      |                 |                                                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------|
| Wireless Media Storage        | GoFlex Satellite                                                                                                                     | Desktop Storage | Backup Plus Desktop, Backup Plus Desktop for Mac, Thunderbolt Backup Plus for Mac Desktop, Expansion Portable, Expansion Desktop |
| Portable Storage              | Backup Plus, Backup Plus for Mac, Thunderbolt Backup Plus for Mac Portable, Slim, Slim for Mac, Expansion Portable, GoFlex Satellite | Storage Server  | GoFlex Home, BlackArmor NAS 440, BlackArmor NAS 400, BlackArmor NAS 220                                                          |

# Desktop Storage

| PRODUCT NAME                            | CAPACITY <sup>1</sup> | MODEL NUMBER                   | FORM FACTOR/HT (in) | PERFORMANCE LEVEL (RPM) | MAX EXT XFER RATE (MB/s) | INTERFACE      | CACHE OPTIONS (MB) | POWER CONSUMPTION (Idle, W) |
|-----------------------------------------|-----------------------|--------------------------------|---------------------|-------------------------|--------------------------|----------------|--------------------|-----------------------------|
| Barracuda                               | 3TB                   | ST3000DM001                    | 3.5/1.028           | 7200                    | 600                      | SATA 6Gb/s NCQ | 64                 | 5.4                         |
|                                         | 2TB                   | ST2000DM001                    | 3.5/1.028           | 7200                    | 600                      | SATA 6Gb/s NCQ | 64                 | 5.4                         |
|                                         | 1TB                   | ST1000DM003                    | 3.5/0.7825          | 7200                    | 600                      | SATA 6Gb/s NCQ | 64                 | 3.36                        |
|                                         | 500GB                 | ST500DM002 <sup>2</sup>        | 3.5/0.787           | 7200                    | 600                      | SATA 6Gb/s NCQ | 16                 | 4.6                         |
|                                         | 320GB                 | ST320DM000 <sup>2</sup>        | 3.5/0.787           | 7200                    | 600                      | SATA 6Gb/s NCQ | 16                 | 4.6                         |
|                                         | 250GB                 | ST250DM000 <sup>2</sup>        | 3.5/0.787           | 7200                    | 600                      | SATA 6Gb/s NCQ | 16                 | 4.6                         |
| Barracuda 3.5-Inch Internal Retail Kits | 3TB                   | STBD3000100 <sup>3</sup>       | 3.5/1.03            | 7200                    | 600                      | SATA 6Gb/s     | 64                 |                             |
|                                         | 2TB                   | STBD2000101 <sup>3</sup>       | 3.5/1.03            | 7200                    | 600                      | SATA 6Gb/s     | 64                 |                             |
|                                         | 1TB                   | ST310005N1A1AS-RK <sup>3</sup> | 3.5/1.03            | 7200                    | 600                      | SATA 6Gb/s     | 64                 |                             |
|                                         | 500GB                 | ST3500641AS-RK <sup>3</sup>    | 3.5/1.03            | 7200                    | 300                      | SATA 3Gb/s     | 16                 |                             |

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to drive capacity.  
2 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.  
3 U.S. retail model numbers shown.

| DESKTOP APPLICATIONS |           |                    |           |
|----------------------|-----------|--------------------|-----------|
| Thin Client          | Barracuda | Mainstream         | Barracuda |
| High Value           | Barracuda | Performance/Gaming | Barracuda |
| Home Server          | Barracuda | Workstations       | Barracuda |

Laptop Storage

| PRODUCT NAME |     | CAPACITY <sup>1</sup> | MODEL NUMBER              | FORM FACTOR/HT (in) | PERFORMANCE LEVEL (RPM) | MAX EXT XFER RATE (MB/s) | INTERFACE  | CACHE OPTIONS (MB) | POWER CONSUMPTION (Idle, W) |
|--------------|-----|-----------------------|---------------------------|---------------------|-------------------------|--------------------------|------------|--------------------|-----------------------------|
| Momentum® XT | New | 750GB                 | ST750LX003 <sup>2</sup>   | 2.5/0.37            | 7200                    | 600                      | SATA 6Gb/s | 32                 | 1.1                         |
|              |     | 500GB                 | ST95005620AS <sup>2</sup> | 2.5/0.37            | 7200                    | 300                      | SATA 3Gb/s | 32                 | 0.8                         |
| Momentum     |     | 750GB                 | ST9750420AS               | 2.5/0.37            | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.7                         |
|              |     | 500GB                 | ST9500423AS               | 2.5/0.37            | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.67                        |
|              |     | 500GB                 | ST9500420ASG              | 2.5/0.37            | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.67                        |
|              |     | 500GB                 | ST9500421AS <sup>4</sup>  | 2.5/0.37            | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.67                        |
|              |     | 500GB                 | ST9500422AS <sup>5</sup>  | 2.5/0.37            | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.67                        |
|              |     | 320GB                 | ST9320423AS               | 2.5/0.37            | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.67                        |
|              |     | 320GB                 | ST320LT023 <sup>3,6</sup> | 2.5/0.37            | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.67                        |
|              |     | 250GB                 | ST9250410AS               | 2.5/0.37            | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.67                        |
|              |     | 250GB                 | ST250LT021 <sup>3,6</sup> | 2.5/0.37            | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.67                        |
|              |     | 250GB                 | ST9250410ASG              | 2.5/0.37            | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.67                        |
|              |     | 250GB                 | ST9250411AS <sup>4</sup>  | 2.5/0.37            | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.67                        |
|              |     | 250GB                 | ST9250412AS <sup>5</sup>  | 2.5/0.37            | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.67                        |
|              |     | 500GB                 | ST9500325AS               | 2.5/0.37            | 5400                    | 300                      | SATA 3Gb/s | 8                  | 0.81                        |
|              |     | 500GB                 | ST9500325ASG              | 2.5/0.37            | 5400                    | 300                      | SATA 3Gb/s | 8                  | 0.81                        |
|              |     | 500GB                 | ST9500327AS <sup>4</sup>  | 2.5/0.37            | 5400                    | 300                      | SATA 3Gb/s | 8                  | 0.81                        |
|              |     | 320GB                 | ST9320325AS               | 2.5/0.37            | 5400                    | 300                      | SATA 3Gb/s | 8                  | 0.81                        |
|              |     | 320GB                 | ST320LT022 <sup>3,6</sup> | 2.5/0.37            | 5400                    | 300                      | SATA 3Gb/s | 16                 | 0.81                        |
|              |     | 250GB                 | ST9250315AS               | 2.5/0.37            | 5400                    | 300                      | SATA 3Gb/s | 8                  | 0.81                        |
|              |     | 250GB                 | ST250LT020 <sup>3,6</sup> | 2.5/0.37            | 5400                    | 300                      | SATA 3Gb/s | 16                 | 0.81                        |
|              |     | 250GB                 | ST9250317AS <sup>4</sup>  | 2.5/0.37            | 5400                    | 300                      | SATA 3Gb/s | 8                  | 0.81                        |

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to drive capacity.  
2 Solid State Hybrid Drive with 8GB SLC NAND (750GB) or 4GB SLC NAND (500GB) solid state memory.  
3 Advanced Sector Format (4K) drive with SmartAlign™ technology resolves misalignment conditions.  
4 Self-Encrypting Drive model.  
5 FIPS 140-2 Self-Encrypting Drive model. See FIPS 140-2 Level 2 Certificate at: <http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401vend.htm>.  
6 7mm z-height expanded to 9.5mm enables compatibility with standard laptop chassis.

CONTINUED ➤

| PRODUCT NAME                          | CAPACITY <sup>1</sup> | MODEL NUMBER                   | FORM FACTOR/HT (in) | PERFORMANCE LEVEL (RPM) | MAX EXT XFER RATE (MB/s) | INTERFACE  | CACHE OPTIONS (MB) | POWER CONSUMPTION (Idle, W) |
|---------------------------------------|-----------------------|--------------------------------|---------------------|-------------------------|--------------------------|------------|--------------------|-----------------------------|
| Momentum Thin                         | 320GB                 | ST320LT007 <sup>3</sup>        | 2.5/0.276           | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.66                        |
|                                       | 320GB                 | ST320LT014 <sup>3,4</sup>      | 2.5/0.276           | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.66                        |
|                                       | 320GB                 | ST320LT009 <sup>3,5</sup>      | 2.5/0.276           | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.66                        |
|                                       | 250GB                 | ST250LT007 <sup>3</sup>        | 2.5/0.276           | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.66                        |
|                                       | 250GB                 | ST250LT014 <sup>3,4</sup>      | 2.5/0.276           | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.66                        |
|                                       | 250GB                 | ST250LT009 <sup>3,5</sup>      | 2.5/0.276           | 7200                    | 300                      | SATA 3Gb/s | 16                 | 0.66                        |
|                                       | 500GB                 | ST500LT025 <sup>4</sup>        | 2.5/0.276           | 5400                    | 300                      | SATA 3Gb/s | 16                 | 0.45                        |
|                                       | 500GB                 | ST500LT015 <sup>5</sup>        | 2.5/0.276           | 5400                    | 300                      | SATA 3Gb/s | 16                 | 0.45                        |
|                                       | 500GB                 | ST500LT012 <sup>3</sup>        | 2.5/0.276           | 5400                    | 300                      | SATA 3Gb/s | 16                 | 0.45                        |
|                                       | 320GB                 | ST320LT020 <sup>3</sup>        | 2.5/0.276           | 5400                    | 300                      | SATA 3Gb/s | 16                 | 0.48                        |
|                                       | 320GB                 | ST320LT012                     | 2.5/0.276           | 5400                    | 300                      | SATA 3Gb/s | 16                 | 0.48                        |
|                                       | 250GB                 | ST250LT003 <sup>3</sup>        | 2.5/0.276           | 5400                    | 300                      | SATA 3GB/S | 16                 | 0.48                        |
|                                       | 250GB                 | ST250LT012                     | 2.5/0.276           | 5400                    | 300                      | SATA 3GB/S | 16                 | 0.48                        |
| Momentum 2.5-Inch Internal Retail Kit | 1TB                   | STBD1000100 <sup>7</sup>       | 2.5/0.374           | 5400                    | 300                      | SATA 3Gb/s | 8                  |                             |
|                                       | 500GB                 | ST905003N3A1AS-RK <sup>7</sup> | 2.5/0.374           | 7200                    | 300                      | SATA 3Gb/s | 16                 |                             |
|                                       | 500GB                 | ST905003N1A1AS-RK <sup>7</sup> | 2.5/0.374           | 5400                    | 300                      | SATA 3Gb/s | 8                  |                             |
|                                       | 250GB                 | ST90250N1A1AS-RK <sup>7</sup>  | 2.5/0.374           | 5400                    | 300                      | SATA 3Gb/s | 8                  |                             |
| Momentum XT Internal Retail Kit       | 750GB                 | STBD750100 <sup>2,7</sup>      | 2.5/0.370           | 7200                    | 600                      | SATA 6Gb/s | 32                 |                             |

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2 Solid State Hybrid drive with 8GB SLC NAND solid state memory.  
3 Advanced Sector Format (4K) drive with SmartAlign™ technology resolves misalignment conditions.  
4 Self-Encrypting Drive model.  
5 FIPS 140-2 Self-Encrypting Drive model. See FIPS 140-2 Level 2 Certificate at: <http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401vend.htm>.  
6 7mm z-height expanded to 9.5mm enables compatibility with standard laptop chassis.  
7 U.S. retail model numbers shown.

| LAPTOP/NETBOOK APPLICATIONS        |                                      | SECURITY SOLUTIONS APPLICATIONS |                                    |
|------------------------------------|--------------------------------------|---------------------------------|------------------------------------|
| Performance                        | Momentum XT, Momentum (7200 RPM)     | Laptop/Notebook PCs             | Momentum XT, Momentum              |
| Mainstream                         | Momentum, Momentum 2.5-Inch Internal | Small Form Factor PCs/Servers   | Momentum Thin, Momentum (5400 RPM) |
| Slim Computing                     | Momentum Thin                        | Mission-Critical Blade Servers  | Momentum XT, Momentum (7200 RPM)   |
| External 2.5-Inch Drive Enclosures | Momentum                             |                                 |                                    |

Enterprise Storage

| PRODUCT NAME | CAPACITY <sup>1</sup> | MODEL NUMBER | SECURITY OPTIONS        | FORM FACTOR/HT (in) <sup>2</sup> | SPINDLE SPEED (RPM) | MAX. SUSTAINED DATA RATE (MB/s) | MAX EXT XFER RATE (MB/s) | INTERFACE | CACHE OPTIONS (MB) | POWER CONSUMPTION (Idle, W) |
|--------------|-----------------------|--------------|-------------------------|----------------------------------|---------------------|---------------------------------|--------------------------|-----------|--------------------|-----------------------------|
| Savvio® 15K  | 300GB                 | ST9300653SS  | —                       | 2.5/0.591                        | 15K                 | 151 to 202                      | 600                      | 6Gb/s SAS | 64                 | 4.23                        |
|              | 300GB                 | ST9300553SS  | SED <sup>3</sup>        | 2.5/0.591                        | 15K                 | 151 to 202                      | 600                      | 6Gb/s SAS | 64                 | 4.23                        |
|              | 300GB                 | ST9300453SS  | FIPS SED <sup>3,4</sup> | 2.5/0.591                        | 15K                 | 151 to 202                      | 600                      | 6Gb/s SAS | 64                 | 4.23                        |
|              | 146GB                 | ST9146853SS  | —                       | 2.5/0.591                        | 15K                 | 151 to 202                      | 600                      | 6Gb/s SAS | 64                 | 3.86                        |
|              | 146GB                 | ST9146753SS  | SED <sup>3</sup>        | 2.5/0.591                        | 15K                 | 151 to 202                      | 600                      | 6Gb/s SAS | 64                 | 3.86                        |
|              | 146GB                 | ST9146653SS  | FIPS SED <sup>3,4</sup> | 2.5/0.591                        | 15K                 | 151 to 202                      | 600                      | 6Gb/s SAS | 64                 | 3.86                        |
|              | 146GB                 | ST9146852SS  | —                       | 2.5/0.591                        | 15K                 | 151 to 202                      | 600                      | 6Gb/s SAS | 16                 | 4.1                         |
|              | 146GB                 | ST9146752SS  | SED <sup>3</sup>        | 2.5/0.591                        | 15K                 | 151 to 202                      | 600                      | 6Gb/s SAS | 16                 | 4.1                         |
|              | 146GB                 | ST9146652SS  | FIPS SED <sup>3,4</sup> | 2.5/0.591                        | 15K                 | 151 to 202                      | 600                      | 6Gb/s SAS | 16                 | 4.1                         |
|              | 73GB                  | ST973452SS   | —                       | 2.5/0.591                        | 15K                 | 122 to 160                      | 600                      | 6Gb/s SAS | 16                 | 3.7                         |
|              | 73GB                  | ST973352SS   | SED <sup>3</sup>        | 2.5/0.591                        | 15K                 | 122 to 160                      | 600                      | 6Gb/s SAS | 16                 | 3.7                         |
|              | 73GB                  | ST973252SS   | FIPS SED <sup>3,4</sup> | 2.5/0.591                        | 15K                 | 122 to 160                      | 600                      | 6Gb/s SAS | 16                 | 3.7                         |
| New          | 900GB                 | ST900MM0026  | SED                     | 2.5/0.591                        | 10K                 | 125 to 204                      | 600                      | 6Gb/s SAS | 64                 | 3.9                         |
| New          | 900GB                 | ST900MM0036  | FIPS SED <sup>3,5</sup> | 2.5/0.591                        | 10K                 | 125 to 204                      | 600                      | 6Gb/s SAS | 64                 | 3.9                         |
|              | 900GB                 | ST9900805SS  | —                       | 2.5/0.591                        | 10K                 | 93 to 168                       | 600                      | 6Gb/s SAS | 64                 | 4.4                         |
|              | 900GB                 | ST9900705SS  | SED <sup>3</sup>        | 2.5/0.591                        | 10K                 | 93 to 168                       | 600                      | 6Gb/s SAS | 64                 | 4.4                         |
|              | 900GB                 | ST9900605SS  | FIPS SED <sup>3,4</sup> | 2.5/0.591                        | 10K                 | 93 to 168                       | 600                      | 6Gb/s SAS | 64                 | 4.4                         |
|              | 900GB                 | ST9900805FC  | —                       | 2.5/0.591                        | 10K                 | 93 to 168                       | 400                      | 4Gb/s FC  | 64                 | 4.4                         |
| New          | 600GB                 | ST600MM0026  | SED <sup>3</sup>        | 2.5/0.591                        | 10K                 | 125 to 204                      | 600                      | 6Gb/s SAS | 64                 | 3.4                         |
|              | 600GB                 | ST9600205SS  | —                       | 2.5/0.591                        | 10K                 | 93 to 168                       | 600                      | 6Gb/s SAS | 64                 | 3.8                         |
|              | 600GB                 | ST9600105SS  | SED <sup>3</sup>        | 2.5/0.591                        | 10K                 | 93 to 168                       | 600                      | 6Gb/s SAS | 64                 | 3.8                         |
|              | 600GB                 | ST9600005SS  | FIPS SED <sup>3,4</sup> | 2.5/0.591                        | 10K                 | 93 to 168                       | 600                      | 6Gb/s SAS | 64                 | 3.8                         |
|              | 600GB                 | ST9600205FC  | —                       | 2.5/0.591                        | 10K                 | 93 to 168                       | 400                      | 4Gb/s FC  | 64                 | 3.8                         |
| New          | 450GB                 | ST450MM0026  | SED <sup>3</sup>        | 2.5/0.591                        | 10K                 | 125 to 204                      | 600                      | 6Gb/s SAS | 64                 | 3.4                         |
|              | 450GB                 | ST9450405SS  | —                       | 2.5/0.591                        | 10K                 | 93 to 168                       | 600                      | 6Gb/s SAS | 64                 | 3.8                         |
|              | 450GB                 | ST9450305SS  | SED <sup>3</sup>        | 2.5/0.591                        | 10K                 | 93 to 168                       | 600                      | 6Gb/s SAS | 64                 | 3.8                         |
|              | 450GB                 | ST9450205SS  | FIPS SED <sup>3,4</sup> | 2.5/0.591                        | 10K                 | 93 to 168                       | 600                      | 6Gb/s SAS | 64                 | 3.8                         |
|              | 450GB                 | ST9450405FC  | —                       | 2.5/0.591                        | 10K                 | 93 to 168                       | 400                      | 4Gb/s FC  | 64                 | 3.8                         |
| New          | 300GB                 | ST300MM0026  | SED <sup>3</sup>        | 2.5/0.591                        | 10K                 | 125 to 204                      | 600                      | 6Gb/s SAS | 64                 | 3.0                         |
|              | 300GB                 | ST9300605SS  | —                       | 2.5/0.591                        | 10K                 | 93 to 168                       | 600                      | 6Gb/s SAS | 64                 | 3.5                         |
|              | 300GB                 | ST9300505SS  | SED <sup>3</sup>        | 2.5/0.591                        | 10K                 | 93 to 168                       | 600                      | 6Gb/s SAS | 64                 | 3.5                         |
|              | 300GB                 | ST9300405SS  | FIPS SED <sup>3,4</sup> | 2.5/0.591                        | 10K                 | 93 to 168                       | 600                      | 6Gb/s SAS | 64                 | 3.5                         |
|              | 300GB                 | ST9300605FC  | —                       | 2.5/0.591                        | 10K                 | 93 to 168                       | 400                      | 4Gb/s FC  | 64                 | 3.5                         |

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to drive capacity.  
2 These base deck height dimensions conform to the Small Form Factor Standards found at [www.sffcommittee.org](http://www.sffcommittee.org).  
3 Self-Encrypting Drive (SED) model. May require TCG-compliant host or controller support.  
4 See FIPS 140-2 Level 2 Certificate at <http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401vend.htm>.  
5 FIPS 140-2 in review. See FIPS 140-2 Level 2 Certificate at <http://csrc.nist.gov/groups/STM/cmvp/validation.html#05>

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| PRODUCT NAME | CAPACITY <sup>1</sup> | MODEL NUMBER | SECURITY OPTIONS        | FORM FACTOR/HT (in) <sup>2</sup> | SPINDLE SPEED (RPM) | MAX. SUSTAINED DATA RATE (MB/s) | MAX EXT XFER RATE (MB/s) | INTERFACE | CACHE OPTIONS (MB) | POWER CONSUMPTION (Idle, W) |
|--------------|-----------------------|--------------|-------------------------|----------------------------------|---------------------|---------------------------------|--------------------------|-----------|--------------------|-----------------------------|
| Cheetah® 15K | 600GB                 | ST3600057SS  | —                       | 3.5/1.028                        | 15K                 | 122 to 204                      | 600                      | 6Gb/s SAS | 16                 | 11.68                       |
|              | 600GB                 | ST3600057FC  | —                       | 3.5/1.028                        | 15K                 | 122 to 204                      | 600                      | 4Gb/s FC  | 16                 | 11.61                       |
|              | 600GB                 | ST3600957SS  | SED <sup>3</sup>        | 3.5/1.028                        | 15K                 | 122 to 204                      | 600                      | 6Gb/s SAS | 16                 | 11.68                       |
|              | 600GB                 | ST3600857SS  | FIPS SED <sup>3,4</sup> | 3.5/1.028                        | 15K                 | 122 to 204                      | 600                      | 6Gb/s SAS | 16                 | 11.68                       |
|              | 450GB                 | ST3450857SS  | —                       | 3.5/1.028                        | 15K                 | 122 to 204                      | 600                      | 6Gb/s SAS | 16                 | 10.1                        |
|              | 450GB                 | ST3450857FC  | —                       | 3.5/1.028                        | 15K                 | 122 to 204                      | 400                      | 4Gb/s FC  | 16                 | 10.26                       |
|              | 450GB                 | ST3450757SS  | SED <sup>3</sup>        | 3.5/1.028                        | 15K                 | 122 to 204                      | 600                      | 6Gb/s SAS | 16                 | 10.1                        |
|              | 450GB                 | ST3450657SS  | FIPS SED <sup>3,4</sup> | 3.5/1.028                        | 15K                 | 122 to 204                      | 600                      | 6Gb/s SAS | 16                 | 10.1                        |
|              | 300GB                 | ST3300657SS  | —                       | 3.5/1.028                        | 15K                 | 122 to 204                      | 600                      | 6Gb/s SAS | 16                 | 8.74                        |
|              | 300GB                 | ST3300657FC  | —                       | 3.5/1.028                        | 15K                 | 122 to 204                      | 400                      | 4Gb/s FC  | 16                 | 8.98                        |
|              | 300GB                 | ST3300557SS  | SED <sup>3</sup>        | 3.5/1.028                        | 15K                 | 122 to 204                      | 600                      | 6Gb/s SAS | 16                 | 8.74                        |
|              | 300GB                 | ST3300457SS  | FIPS SED <sup>3,4</sup> | 3.5/1.028                        | 15K                 | 122 to 204                      | 600                      | 6Gb/s SAS | 16                 | 8.74                        |

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

2 These base deck height dimensions conform to the Small Form Factor Standards found at [www.sffcommittee.org](http://www.sffcommittee.org).

3 Self-Encrypting Drive (SED) model. May require TCG-compliant host or controller support.

4 See FIPS 140-2 Level 2 Certificate at <http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401vend.htm>.

CONTINUED

| MISSION-CRITICAL APPLICATIONS |                                     |                                         |                                     |
|-------------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|
| Mainstream Servers            | Savvio 10K                          | Midrange and High-End Servers           | Savvio 15K, Savvio 10K              |
| Performance Servers           | Savvio 15K                          | Direct Attached Storage (DAS/JBOD/RAID) | Cheetah 15K, Savvio 15K, Savvio 10K |
| Blade and 1U Servers          | Savvio 15K, Savvio 10K              | NAS/SAN                                 | Cheetah 15K, Savvio 15K, Savvio 10K |
| Security Servers              | Cheetah 15K, Savvio 15K, Savvio 10K | Security DAS/NAS/SAN Storage            | Cheetah 15K, Savvio 15K, Savvio 10K |

| PRODUCT NAME        | CAPACITY <sup>1</sup> | MODEL NUMBER | SECURITY OPTIONS        | FORM FACTOR/HT (in) <sup>2</sup> | SPINDLE SPEED (RPM) | MAX. SUSTAINED DATA RATE (MB/s) | MAX EXT XFER RATE (MB/s) | INTERFACE  | CACHE OPTIONS (MB) | POWER CONSUMPTION (Idle, W) |
|---------------------|-----------------------|--------------|-------------------------|----------------------------------|---------------------|---------------------------------|--------------------------|------------|--------------------|-----------------------------|
| Constellation.2™    | 1TB                   | ST91000640NS | —                       | 2.5/0.591                        | 7200                | 115                             | 600/300/150              | SATA 6Gb/s | 64                 | 3.31                        |
|                     | 1TB                   | ST91000641NS | SED <sup>3</sup>        | 2.5/0.591                        | 7200                | 115                             | 600/300/150              | SATA 6Gb/s | 64                 | 3.31                        |
|                     | 1TB                   | ST91000642NS | FIPS SED <sup>3,4</sup> | 2.5/0.591                        | 7200                | 115                             | 600/300/150              | SATA 6Gb/s | 64                 | 3.31                        |
|                     | 1TB                   | ST91000640SS | —                       | 2.5/0.591                        | 7200                | 115                             | 600/300/150              | 6Gb/s SAS  | 64                 | 3.85                        |
|                     | 1TB                   | ST91000641SS | SED <sup>3</sup>        | 2.5/0.591                        | 7200                | 115                             | 600/300/150              | 6Gb/s SAS  | 64                 | 3.85                        |
|                     | 1TB                   | ST91000642SS | FIPS SED <sup>3,4</sup> | 2.5/0.591                        | 7200                | 115                             | 600/300/150              | 6Gb/s SAS  | 64                 | 3.85                        |
|                     | 500GB                 | ST9500620NS  | —                       | 2.5/0.591                        | 7200                | 115                             | 600/300/150              | SATA 6Gb/s | 64                 | 2.67                        |
|                     | 500GB                 | ST9500621NS  | SED <sup>3</sup>        | 2.5/0.591                        | 7200                | 115                             | 600/300/150              | SATA 6Gb/s | 64                 | 2.67                        |
|                     | 500GB                 | ST9500622NS  | FIPS SED <sup>3,4</sup> | 2.5/0.591                        | 7200                | 115                             | 600/300/150              | SATA 6Gb/s | 64                 | 2.67                        |
|                     | 500GB                 | ST9500620SS  | —                       | 2.5/0.591                        | 7200                | 115                             | 600/300/150              | 6Gb/s SAS  | 64                 | 3.27                        |
|                     | 500GB                 | ST9500621SS  | SED <sup>3</sup>        | 2.5/0.591                        | 7200                | 115                             | 600/300/150              | 6Gb/s SAS  | 64                 | 3.27                        |
|                     | 500GB                 | ST9500622SS  | FIPS SED <sup>3,4</sup> | 2.5/0.591                        | 7200                | 115                             | 600/300/150              | 6Gb/s SAS  | 64                 | 3.27                        |
|                     | 250GB                 | ST9250610NS  | —                       | 2.5/0.591                        | 7200                | 115                             | 600/300/150              | SATA 6Gb/s | 64                 | 2.52                        |
|                     | 250GB                 | ST9250611NS  | SED <sup>3,4</sup>      | 2.5/0.591                        | 7200                | 115                             | 600/300/150              | SATA 6Gb/s | 64                 | 2.52                        |
|                     | 250GB                 | ST9250612NS  | FIPS SED <sup>3,4</sup> | 2.5/0.591                        | 7200                | 115                             | 600/300/150              | SATA 6Gb/s | 64                 | 2.52                        |
| Constellation® ES.3 | New 4TB               | ST4000NM0033 | —                       | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | SATA 6Gb/s | 128                | 6.73                        |
|                     | New 4TB               | ST4000NM0053 | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | SATA 6Gb/s | 128                | 6.73                        |
|                     | New 4TB               | ST4000NM0023 | —                       | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | 6Gb/s SAS  | 128                | 7.80                        |
|                     | New 4TB               | ST4000NM0043 | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | 6Gb/s SAS  | 128                | 7.80                        |
|                     | New 4TB               | ST4000NM0063 | FIPS SED <sup>3,5</sup> | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | 6Gb/s SAS  | 128                | 7.80                        |
|                     | New 3TB               | ST3000NM0033 | —                       | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | SATA 6Gb/s | 128                | 6.73                        |
|                     | New 3TB               | ST3000NM0053 | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | SATA 6Gb/s | 128                | 6.73                        |
|                     | New 3TB               | ST3000NM0023 | —                       | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | 6Gb/s SAS  | 128                | 6.74                        |
|                     | New 3TB               | ST3000NM0043 | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | 6Gb/s SAS  | 128                | 6.74                        |
|                     | New 3TB               | ST3000NM0063 | FIPS SED <sup>3,5</sup> | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | 6Gb/s SAS  | 128                | 6.74                        |
|                     | New 2TB               | ST2000NM0033 | —                       | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | SATA 6Gb/s | 128                | 5.17                        |
|                     | New 2TB               | ST2000NM0053 | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | SATA 6Gb/s | 128                | 5.17                        |
|                     | New 2TB               | ST2000NM0023 | —                       | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | 6Gb/s SAS  | 128                | 5.78                        |
|                     | New 2TB               | ST2000NM0043 | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | 6Gb/s SAS  | 128                | 5.78                        |
|                     | New 2TB               | ST2000NM0063 | FIPS SED <sup>3,5</sup> | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | 6Gb/s SAS  | 128                | 5.78                        |
|                     | New 1TB               | ST1000NM0033 | —                       | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | SATA 6Gb/s | 128                | 4.45                        |
|                     | New 1TB               | ST1000NM0053 | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | SATA 6Gb/s | 128                | 4.45                        |
|                     | New 1TB               | ST1000NM0023 | —                       | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | 6Gb/s SAS  | 128                | 4.84                        |
|                     | New 1TB               | ST1000NM0043 | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | 6Gb/s SAS  | 128                | 4.84                        |
|                     | New 1TB               | ST1000NM0063 | FIPS SED <sup>3,5</sup> | 3.5/1.028                        | 7200                | 175                             | 600/300/150              | 6Gb/s SAS  | 128                | 4.84                        |

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

2 These base deck height dimensions conform to the Small Form Factor Standards found at [www.sffcommittee.org](http://www.sffcommittee.org).

3 Self-Encrypting Drive (SED) model. May require TCG-compliant host or controller support.

4 See FIPS 140-2 Level 2 Certificate at <http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401val2.htm>.

5 FIPS 140-2 in review. See FIPS 140-2 Level 2 Certificate at:

<http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401val2011.htm#1635>

| PRODUCT NAME       | CAPACITY <sup>1</sup> | MODEL NUMBER | SECURITY OPTIONS        | FORM FACTOR/HT (in) <sup>2</sup> | SPINDLE SPEED (RPM) | MAX. SUSTAINED DATA RATE (MB/s) | MAX EXT XFER RATE (MB/s) | INTERFACE  | CACHE OPTIONS (MB) | POWER CONSUMPTION (Idle, W) |
|--------------------|-----------------------|--------------|-------------------------|----------------------------------|---------------------|---------------------------------|--------------------------|------------|--------------------|-----------------------------|
| Constellation ES.2 | 3TB                   | ST33000650NS | —                       | 3.5/1.028                        | 7200                | 155                             | 600/300/150              | SATA 6Gb/s | 64                 | 7.7                         |
|                    | 3TB                   | ST33000651NS | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 155                             | 600/300/150              | SATA 6Gb/s | 64                 | 7.7                         |
|                    | 3TB                   | ST33000652NS | SED <sup>3,4</sup>      | 3.5/1.028                        | 7200                | 155                             | 600/300/150              | SATA 6Gb/s | 64                 | 7.7                         |
|                    | 3TB                   | ST33000650SS | —                       | 3.5/1.028                        | 7200                | 155                             | 600/300/150              | 6Gb/s SAS  | 64                 | 7.4                         |
|                    | 3TB                   | ST33000651SS | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 155                             | 600/300/150              | 6Gb/s SAS  | 64                 | 7.4                         |
|                    | 3TB                   | ST33000652SS | FIPS SED <sup>3,4</sup> | 3.5/1.028                        | 7200                | 155                             | 600/300/150              | 6Gb/s SAS  | 64                 | 7.4                         |
|                    | 2TB                   | ST32000645NS | —                       | 3.5/1.028                        | 7200                | 155                             | 600/300/150              | SATA 6Gb/s | 64                 | 7.7                         |
|                    | 2TB                   | ST32000646NS | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 155                             | 600/300/150              | SATA 6Gb/s | 64                 | 7.7                         |
|                    | 2TB                   | ST32000647NS | FIPS SED <sup>3,4</sup> | 3.5/1.028                        | 7200                | 155                             | 600/300/150              | SATA 6Gb/s | 64                 | 7.7                         |
|                    | 2TB                   | ST32000645SS | —                       | 3.5/1.028                        | 7200                | 155                             | 600/300/150              | SATA 6Gb/s | 64                 | 7.4                         |
|                    | 2TB                   | ST32000646SS | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 155                             | 600/300/150              | SATA 6Gb/s | 64                 | 7.4                         |
|                    | 2TB                   | ST32000647SS | FIPS SED <sup>3,4</sup> | 3.5/1.028                        | 7200                | 155                             | 600/300/150              | SATA 6Gb/s | 64                 | 7.4                         |
| Constellation ES   | 2TB                   | ST2000NM0011 | —                       | 3.5/1.028                        | 7200                | 140                             | 600/300/150              | SATA 6Gb/s | 64                 | 6.39                        |
|                    | 2TB                   | ST2000NM0031 | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 140                             | 600/300/150              | SATA 6Gb/s | 64                 | 6.39                        |
|                    | 2TB                   | ST2000NM0051 | SED <sup>3,4</sup>      | 3.5/1.028                        | 7200                | 140                             | 600/300/150              | SATA 6Gb/s | 64                 | 6.39                        |
|                    | 2TB                   | ST2000NM0001 | —                       | 3.5/1.028                        | 7200                | 150                             | 600/300/150              | 6Gb/s SAS  | 64                 | 7.26                        |
|                    | 2TB                   | ST2000NM0021 | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 150                             | 600/300/150              | 6Gb/s SAS  | 64                 | 7.26                        |
|                    | 2TB                   | ST2000NM0041 | FIPS SED <sup>3,4</sup> | 3.5/1.028                        | 7200                | 150                             | 600/300/150              | 6Gb/s SAS  | 64                 | 7.26                        |
|                    | 1TB                   | ST1000NM0011 | —                       | 3.5/1.028                        | 7200                | 150                             | 600/300/150              | SATA 6Gb/s | 64                 | 6.39                        |
|                    | 1TB                   | ST1000NM0031 | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 150                             | 600/300/150              | SATA 6Gb/s | 64                 | 6.39                        |
|                    | 1TB                   | ST1000NM0051 | SED <sup>3,4</sup>      | 3.5/1.028                        | 7200                | 150                             | 600/300/150              | SATA 6Gb/s | 64                 | 6.39                        |
|                    | 1TB                   | ST1000NM0001 | —                       | 3.5/1.028                        | 7200                | 150                             | 600/300/150              | 6Gb/s SAS  | 64                 | 5.41                        |
|                    | 1TB                   | ST1000NM0021 | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 150                             | 600/300/150              | 6Gb/s SAS  | 64                 | 5.41                        |
|                    | 1TB                   | ST1000NM0041 | FIPS SED <sup>3,4</sup> | 3.5/1.028                        | 7200                | 150                             | 600/300/150              | 6Gb/s SAS  | 64                 | 5.41                        |
|                    | 500GB                 | ST500NM0011  | —                       | 3.5/1.028                        | 7200                | 150                             | 600/300/150              | SATA 6Gb/s | 64                 | 6.39                        |
|                    | 500GB                 | ST500NM0031  | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 150                             | 600/300/150              | SATA 6Gb/s | 64                 | 6.39                        |
|                    | 500GB                 | ST500NM0051  | SED <sup>3,4</sup>      | 3.5/1.028                        | 7200                | 150                             | 600/300/150              | SATA 6Gb/s | 64                 | 6.39                        |
|                    | 500GB                 | ST500NM0001  | —                       | 3.5/1.028                        | 7200                | 150                             | 600/300/150              | 6Gb/s SAS  | 64                 | 5.41                        |
|                    | 500GB                 | ST500NM0021  | SED <sup>3</sup>        | 3.5/1.028                        | 7200                | 150                             | 600/300/150              | 6Gb/s SAS  | 64                 | 5.41                        |
|                    | 500GB                 | ST500NM0041  | FIPS SED <sup>3,4</sup> | 3.5/1.028                        | 7200                | 150                             | 600/300/150              | 6Gb/s SAS  | 64                 | 5.41                        |

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

2 These base deck height dimensions conform to the Small Form Factor Standards found at [www.sffcommittee.org](http://www.sffcommittee.org).

3 Self-Encrypting Drive (SED) model. May require TCG-compliant host or controller support.

4 See FIPS 140-2 Level 2 Certificate at <http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401vend.htm>.

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| CAPACITY-OPTIMIZED APPLICATIONS           |                                               |                                           |                                               |
|-------------------------------------------|-----------------------------------------------|-------------------------------------------|-----------------------------------------------|
| Direct Attached Storage (DAS/JBOD/RAID)   | Constellation Family, Constellation ES Family | Virtual Tape Library                      | Constellation Family, Constellation ES Family |
| Entry Low-Cost Server/SMB Server          | All Constellation Families                    | NAS/SAN                                   | All Constellation Families                    |
| Entry Low-Cost Server/SMB Security Server | All Constellation Families                    | External Security Storage (DAS, NAS, SAN) | Constellation Family, Constellation ES Family |
| Cloud Storage                             | All Constellation Families                    | Network Video Surveillance (NDVR)         | Constellation Family, Constellation ES Family |

| Product Name     |     | Capacity <sup>1</sup> | Model Number             | Form Factor/<br>HT (in) <sup>2</sup> | Spindle Speed<br>(RPM) | Max.<br>Sustained Data<br>Rate (MB/s) | Max Ext Xfer<br>Rate (MB/s) | Interface  | Cache Options<br>(MB) | Power Consumption<br>(Idle, W) |
|------------------|-----|-----------------------|--------------------------|--------------------------------------|------------------------|---------------------------------------|-----------------------------|------------|-----------------------|--------------------------------|
| Constellation CS | New | 3TB                   | ST3000NC002              | 3.5/1.028                            | 7200                   | 150 to 180                            | 600                         | SATA 6Gb/s | 64 <sup>4</sup>       | 5.53                           |
|                  | New | 3TB                   | ST3000NC000 <sup>3</sup> | 3.5/1.028                            | 7200                   | 150 to 180                            | 600                         | SATA 6Gb/s | 64 <sup>4</sup>       | 5.53                           |
|                  | New | 2TB                   | ST2000NC001              | 3.5/1.028                            | 7200                   | 150 to 180                            | 600                         | SATA 6Gb/s | 64 <sup>4</sup>       | 5.53                           |
|                  | New | 2TB                   | ST2000NC000 <sup>3</sup> | 3.5/1.028                            | 7200                   | 150 to 180                            | 600                         | SATA 6Gb/s | 64 <sup>4</sup>       | 5.53                           |
|                  | New | 1TB                   | ST1000NC001              | 3.5/1.028                            | 7200                   | 150 to 180                            | 600                         | SATA 6Gb/s | 64 <sup>4</sup>       | 5.53                           |
|                  | New | 1TB                   | ST1000NC000 <sup>3</sup> | 3.5/1.028                            | 7200                   | 150 to 180                            | 600                         | SATA 6Gb/s | 64 <sup>4</sup>       | 5.53                           |

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to drive capacity.  
2 These base deck height dimensions conform to the Small Form Factor Standards found at [www.sffcommittee.org](http://www.sffcommittee.org).  
3 Seagate Instant Secure Erase Models  
4 DDR2 Cache

| Product Name |  | Capacity <sup>1</sup> | Model Number             | NAND Flash Type | AFR <sup>2</sup> | Max Ext Xfer Rate<br>(MB/s) | Interface  | Full Drive<br>Writes/Day <sup>2</sup> | Power Consumption<br>(Idle, W) |
|--------------|--|-----------------------|--------------------------|-----------------|------------------|-----------------------------|------------|---------------------------------------|--------------------------------|
| Pulsar.2™    |  | 800GB                 | ST800FM0002              | MLC             | 0.44%            | 600                         | SAS 6Gb/s  | 10                                    | 4.38                           |
|              |  | 800GB                 | ST800FM0012 <sup>3</sup> | MLC             | 0.44%            | 600                         | SAS 6Gb/s  | 10                                    | 4.38                           |
|              |  | 400GB                 | ST400FM0002              | MLC             | 0.44%            | 600                         | SAS 6Gb/s  | 10                                    | 3.49                           |
|              |  | 400GB                 | ST400FM0012              | MLC             | 0.44%            | 600                         | SATA 6Gb/s | 10                                    | 3.49                           |
|              |  | 200GB                 | ST200FM0002              | MLC             | 0.44%            | 600                         | SAS 6Gb/s  | 10                                    | 3.47                           |
|              |  | 200GB                 | ST200FM0012              | MLC             | 0.44%            | 600                         | SATA 6Gb/s | 10                                    | 3.47                           |
|              |  | 100GB                 | ST100FM0002              | MLC             | 0.44%            | 600                         | SAS 6Gb/s  | 10                                    | 3.59                           |
|              |  | 100GB                 | ST100FM0012              | MLC             | 0.44%            | 600                         | SATA 6Gb/s | 10                                    | 3.59                           |

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to drive capacity.  
2 Data provided is based on format at 512 bytes.  
3 Self-Encrypting Drive (SED) model requires TCG-compliant host or controller support.

| Bulk Cloud Storage Applications                |                  |
|------------------------------------------------|------------------|
| Cloud storage servers                          | Constellation CS |
| Cloud storage arrays                           | Constellation CS |
| Cloud backup storage                           | Constellation CS |
| Direct-attached external storage devices (DAS) | Constellation CS |
| Network-attached storage devices (NAS)         | Constellation CS |

| Enterprise SSD Applications          |          |
|--------------------------------------|----------|
| Tier 0 Storage Arrays                | Pulsar.2 |
| Blade Servers                        | Pulsar.2 |
| General Servers                      | Pulsar.2 |
| Direct-Attached Storage (DAS)        | Pulsar.2 |
| Auto-Tiering                         | Pulsar.2 |
| Virtualization                       | Pulsar.2 |
| Online Transaction Processing (OLTP) | Pulsar.2 |
| Data Warehousing                     | Pulsar.2 |
| Cloud Storage                        | Pulsar.2 |

# Video Storage

| PRODUCT NAME | CAPACITY <sup>1</sup> | MODEL NUMBER | FORM FACTOR/HT (in) | PERFORMANCE LEVEL (RPM) | MAX EXT XFER RATE (MB/s) | INTERFACE  | CACHE OPTIONS (MB) | POWER CONSUMPTION (Idle, W) |
|--------------|-----------------------|--------------|---------------------|-------------------------|--------------------------|------------|--------------------|-----------------------------|
| Pipeline HD® | 2TB                   | ST2000VM003  | 3.5/1.028           | 5900                    | 300                      | SATA 3Gb/s | 64                 | 3.74                        |
|              | 1TB                   | ST1000VM002  | 3.5/0.795           | 5900                    | 600                      | SATA 6Gb/s | 64                 | 2.5                         |
|              | 500GB                 | ST3500312CS  | 3.5/0.795           | —                       | 300                      | SATA 3Gb/s | 8                  | 3.0                         |
|              | 320GB                 | ST3320311CS  | 3.5/0.795           | —                       | 300                      | SATA 3Gb/s | 8                  | 3.0                         |
|              | 250GB                 | ST3250312CS  | 3.5/0.795           | —                       | 300                      | SATA 3Gb/s | 8                  | 3.0                         |
| SV35 Series™ | 3TB                   | ST3000VX000  | 3.5/1.028           | 7200                    | 600                      | SATA 6Gb/s | 64                 | 5.4                         |
|              | 2TB                   | ST2000VX000  | 3.5/1.028           | 7200                    | 600                      | SATA 6Gb/s | 64                 | 5.4                         |
|              | 1TB                   | ST1000VX000  | 3.5/0.787           | 7200                    | 600                      | SATA 6Gb/s | 64                 | 3.36                        |

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

| VIDEO STORAGE APPLICATIONS              |             |                                     |             |
|-----------------------------------------|-------------|-------------------------------------|-------------|
| Consumer DVR                            | Pipeline HD | Video Surveillance DVR              | SV35 Series |
| Media Servers and Centers               | Pipeline HD | Video Surveillance Network DVR      | SV35 Series |
| Home Theater PCs and Servers            | Pipeline HD | Direct-Attached JBOD Video Storage  | SV35 Series |
| Cable, Satellite and IPTV Set-Top Boxes | Pipeline HD | Network-Attached JBOD Video Storage | SV35 Series |

# Service and Support

For information regarding products and services, visit [www.seagate.com/about/contact-us/technical-support](http://www.seagate.com/about/contact-us/technical-support)

**Available services include:**

- Presales and Technical Support
- Global Support Services telephone numbers and business hours
- Authorized Seagate Service Centers

For information regarding Warranty Support, visit [www.seagate.com/support/warranty-and-returns](http://www.seagate.com/support/warranty-and-returns)

For information regarding Data Recovery Services, visit <https://services.seagate.com/>

For Seagate OEM and Distribution partner portal, visit [www.seagate.com/partners](http://www.seagate.com/partners)

For Seagate reseller portal, visit [www.seagate.com/partners](http://www.seagate.com/partners)



## Enhanced benefits for channel partners

The Seagate Partner Program (SPP) provides access to unique resources and benefits to help channel partners secure new opportunities and grow revenue and profitability.

As a registered SPP member, you enjoy the following exclusive features:

- Password-protected portal
- E-newsletter and regular news updates
- New product evaluation unit program
- Training and sales tools
- Priority support

**Start reaping the rewards of SPP membership—register today at [www.seagate.com/partners](http://www.seagate.com/partners)**

- Complete the online form.
- Click through and accept our standard agreement.





[www.seagate.com](http://www.seagate.com)

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