

## Seagate Now Offers 8 TB Hard Drives ★★★★★

 by Hilbert Hagedoorn on: 09/01/2015 04:24 PM | Source | 22 comment(s)



Seagate unveiled its new portfolio of 8TB high capacity drives - the Seagate Enterprise Capacity 3.5 HDD, Seagate Enterprise NAS HDD and Seagate Kinetic HDD.

"Customers today need storage solutions to support a diverse, and sometimes very specialized, set of applications and workload requirements," said Scott Horn, vice president of marketing at Seagate. "In designing our products, we look closely at the type of data being stored, performance needs, power requirements, environmental operating conditions, network topologies, uptime demand and more, to ensure our customers receive the right storage technology for the job. This thoughtful approach has enabled us to deliver the most compelling 8TB portfolio available in the industry."

### Enterprise Capacity 3.5 HDD- World-Class Reliability Meets High-Capacity

Within the cloud and traditional enterprise markets, businesses need high capacity and extremely reliable data storage solutions. Seagate's 8TB Enterprise Capacity 3.5 HDD drive addresses these needs by incorporating proven conventional magnetic recording hard drive technology, backed by nine generations of data center innovation. Enterprise customers also want world class performance from their storage solutions and the 8TB Enterprise Capacity 3.5 HDD delivers for them with a 100 percent increase in random read/write performance compared to previous generations, driving a vast improvement in IT performance across the enterprise.

"Supermicro's wide array of SuperServer and SuperStorage solutions deliver unrivaled performance, efficiency, density and reliability for enterprise, data center, cloud and HPC environments," said Don Clegg, vice president of marketing and business development at Supermicro. "With Seagate's new portfolio of 8TB 3.5" Enterprise and Kinetic HDD we can cost-effectively address expanding web scale storage requirements with the most advanced Green Computing platforms on the market."

### Enterprise NAS HDD- Enterprise Capacity Meets SMBs

Small- and medium-sized businesses require high reliability too, but they also need storage solutions that can scale to support enterprise class performance as business mandates change and the company grows. Seagate's 8TB Enterprise NAS HDD takes conventional hard drive recording technology to the next level by providing one third more storage density for any tower or rack mount solution compared to the previous 6TB generation drive. This density advantage translates to fewer drives without sacrificing capacity, reducing power consumption and saving valuable space in servers and data centers to help improve IT cost structures and service value to the organization.

### Kinetic HDD- High-Capacity, Reduced Cloud Economics

For organizations making the transition to the cloud with an eye to leveraging open source innovation, the 8TB Kinetic HDD focuses on total cost of ownership (TCO) by emphasizing scaled-out storage and rapid deployment in data centers. In cases where archiving data is a priority, emerging technologies such as Shingled Magnetic Recording can be of strategic and business value. Combined with the Kinetic Open Storage platform, this storage solution can change the TCO equation.

"I am impressed by the disk capacity increase achieved by Seagate," said Dirk Duellmann, deputy leader of the data and storage services group in the IT department at CERN. "As part of our collaboration through CERN openlab, we are aiming to demonstrate with Seagate the expected TCO and scalability benefits of Kinetic drives. These tests are being performed within the 100PB-scale storage setups that CERN deploys for the Large Hadron Collider."

The platform reduces TCO by redefining and greatly simplifying storage architectures for today's use-case scenarios. By combining an open source object storage protocol with Ethernet connectivity, Kinetic HDD eliminates multiple layers of legacy hardware and software infrastructure with a simple Key/Value interface. This in turn eliminates or dramatically reduces the need for traditional storage servers reducing capital equipment costs, power consumption and human expenses associated with managing storage for a total savings of up to 70 percent.

All drives are currently sampling to select customers with wide scale availability planned for late this year.

#### New Reviews

- PowerColor DEVIL Radeon R9 390X review
- Shuttle DS57U review
- MSI Z170A XPOWER Gaming Titanium review
- Guru3D Rig of the Month - August 2015
- MSI GeForce GTX 980 Ti Lightning Review
- AMD Radeon R9 NANO preview
- ASUS GeForce GTX 980 Ti Poseidon Review
- MSI GeForce GTX 950 Gaming + 2-way SLI review
- ASUS GeForce GTX 950 STRIX review
- Palit GeForce GTX 950 Storm X Dual 2GB review

#### New Downloads

- Display Driver Uninstaller Download version 15.4.1.1
- Intel Chipset Software Installation 10.1.2.10 WHQL Download
- AMD Catalyst 15.8 Driver Download
- GeForce 355.82 WHQL driver download
- GeForce 355.80 Windows 10 Hotfix driver download
- GeForce 355.69 WHQL driver download
- CPU-Z 1.73 download
- GeForce 355.60 WHQL driver download
- Unreal Engine 4 Elemental DX12 Tech Demo Download
- GPU-Z Download 0.8.5



Rate this story

Rating: 3 ... Average

« [Review: MSI Z170A XPOWER Gaming Titanium](#) · [Seagate Now Offers 8 TB Hard Drives](#) · [Patriot Memory Viper 4 DDR4-3400 MHz Dual-Channel Kit](#) »

Related Stories

**Micron and Seagate Announce Strategic Alliance** - 02/13/2015 09:01 AM  
Ooh, dangerous combo alright. Micron and Seagate today announced a strategic agreement that establishes a framework for combining the innovation and expertise of both companies. ...

**Seagate 3TB HDDs has huge Failure rates** - 01/22/2015 10:13 AM  
Check this report from backup service Backblaze out. They outted a report of their hard drive failure rates, it was done with a very respectable 25,000 hard disk drives. The chart shows a failure re...


**Seagate Launches the Seven Slim Portable Hard Drive** - 01/05/2015 10:47 AM  
Seagate unveiled a high-design ultra-slim external drive that evokes the legacy form factor of 2.5-inch internal hard drives. The new Seagate Seven drive is the slimmest way to carry 500 GB of data,...

**Seagate launches 8TB Archive HDD at 250 EURO** - 12/08/2014 07:01 PM  
Last week we reported that Seagate was launching a 6TB HDD, this week we can report that they have released an 8TB HDD for just 250 EURO. These drives are intended for NAS storage and are not the fas...

**Seagate Technology Launches 6TB HDD** - 12/03/2014 03:05 PM  
With enterprise reliability and NAS optimized performance in up to 16-bays, the Enterprise NAS drive is available in capacities up to an industry-leading 6TB, and is designed to perform at high levels...

tsunami231

Ancient Guru



Posts: 4649


Joined: 2003-05-24

#5151883 Posted on: 09/01/2015 06:43 PM

Increase in capacity is geting more frequent and faster, This great to bad HDD are still slow in comparison to even the slowest SSD, then again SSD still cant touch those capacity, with out it costing more a gpu and some computers.

Koniakki

Maha Guru



Posts: 1388


Joined: 2009-09-15

#5151886 Posted on: 09/01/2015 06:46 PM

I have ordered the Seagate 8TB **ST8000AS0002**(250euro) which I guess it the "normal" drive.

alanm

Ancient Guru




Posts: 6208

#5151905 Posted on: 09/01/2015 07:11 PM


Not sure I would trust seagate with 8tb of data on single drive. Big fan of their 1tb units but it ends there.

New Forum Topics

- Bit the bullet and upgraded the gpu too!
- Mad Max game from Just Cause 2 devs announced
- [Titan X] : is my 3y old CPU going to limit it?
- Nvidia 355.83
- Creepy note on my iCloud server
- Do you have Cortana enabled?
- This hilarious Cisco fail is a network engineers worst nightmare
- Monolith's Middle-earth: Shadow of Mordor
- The Walking Dead
- World of Warcraft: Warlords of Draenor




Guru3D

 Харесвам страницата

20хил. харесвания

Харесайте това преди приятелите си.





Joined: 2004-05-10

mjorgenson  
Newbie



Posts: 19  
Joined: 2015-08-31

#5151911 Posted on: 09/01/2015 07:18 PM

I love these big drives....

rl66  
Maha Guru



Posts: 816  
Joined: 2007-05-31

#5151923 Posted on: 09/01/2015 07:47 PM

Quote:

Originally Posted by **tsunami231** [▶](#)  
*Increase in capacity is getting more frequent and faster, This great to bad HDD are still slow in comparison to even the slowest SSD, then again SSD still cant touch those capacity, with out it costing more a gpu and some computers.*

this is not to be used as a main volume.  
also SSD are still lot less reliable in 24/7 use, and still have a lower lifetime.

one day it will surpass the HDD even for that use... but not now.

Quote:

Originally Posted by **alanm** [▶](#)  
*Not sure I would trust seagate with 8tb of data on single drive. Big fan of their 1tb units but it ends there.*

it's for company, business etc... it will never be alone in 99% of the case

Seagate have made great improvement since the "not too safe" HDD 😊

holystarlight  
Master Guru



Posts: 465  
Joined: 2007-10-14

#5151949 Posted on: 09/01/2015 08:16 PM

cant say id be happy with 8tb data on a Seagate drive, always had bad experience with them. cant wait until WD bring out 8TB drives, I need some new ones for my NAS

mjorgenson  
Newbie



Posts: 19  
Joined: 2015-08-31

#5151975 Posted on: 09/01/2015 08:54 PM

Quote:

Originally Posted by **holystarlight** [▶](#)  
*cant say id be happy with 8tb data on a Seagate drive, always had bad experience with them. cant wait until WD bring out 8TB drives, I need some new ones for my NAS*

It's weird, I read reports where Seagate fails more then other drives, but I have never had an issue with one. In fact, this build I have I am using a Seagate.

But I do religiously back up my data.

tsunami231  
Ancient Guru



Posts: 4649  
Joined: 2003-05-24

#5151980 Posted on: 09/01/2015 09:06 PM

in 15+ years of using nothing but seagate HDD I had 1 out right fail. reset if i hook up all the seagate hdd i have they will also all still work minus the whole degrade over time which is normal.

people around just like to bash on seagate since the whole firmware debacle.

we also dont need this topic turn in to another bash seagate topic iether

Search

×

Corrupt^  
Ancient Guru



Posts: 5852  
Joined: 2005-12-02

#5152000 Posted on: 09/01/2015 09:27 PM

Nice, keep going. Once we get past 10TB, it's time for me to finally get that NAS I always wanted and RAID1.

Though atm with current HDD sizes, the costs still outweigh the benefits for me, which will change as they get larger 😊

Will most likely end up with media stored on a NAS then for the entire home and toss mechanical HDD's out of my PC(s) all together, just SSD's for the actual PC's.

Koniakki  
Maha Guru



Posts: 1388  
Joined: 2009-09-15

#5152050 Posted on: 09/01/2015 11:15 PM

I also have 2 other(a 3TB and 4TB) Seagate drives(no special reason for purchase. They were just cheaper than others) that are running fine so far.

But for me for reliability I prefer Hitachi drives which I have 2 of them(7k2000 and 5k3000) and also going strong. So far no problem with any drive.

geogan  
Master Guru

Posts: 175  
Joined: 2010-01-04

#5152323 Posted on: 09/02/2015 01:12 PM

Regarding reliability, I bought two 4Gb Seagate drives from scan.co.uk there about two years ago (at the time when 4Gb was biggest drive) and BOTH drives arrived DOA.

Returned both and never bought a Seagate again. Now only use WD drives (mostly their Green line)

k3vst3r  
Ancient Guru



Posts: 3167  
Joined: 2009-01-03

#5152330 Posted on: 09/02/2015 01:31 PM

Quote:

Originally Posted by **geogan** ➡

*Regarding reliability, I bought two 4Gb Seagate drives from scan.co.uk there about two years ago (at the time when 4Gb was biggest drive) and BOTH drives arrived DOA.*

*Returned both and never bought a Seagate again. Now only use WD drives (mostly their Green line)*

Just sounds like they was mistreated in transit, had numerous drives over the years from all different companies none have failed or arrived DOA. Doesn't what brand you buy, they all use same or similar parts from same production companies, seagate nor WD make their own motors, outsourced to another company.

rl66  
Maha Guru



Posts: 816  
Joined: 2007-05-31

#5152376 Posted on: 09/02/2015 03:28 PM

Quote:

Originally Posted by **holystarlight** ➡

*cant say id be happy with 8tb data on a Seagate drive, always had bad experience with them. cant wait until WD bring out 8TB drives, I need some new ones for my NAS*

WD is one of the best you can have...

but i agree that few ago seagate... but well it seem to be behing them now, and this is a good thing.

Solfaur  
Ancient Guru



#5152400 Posted on: 09/02/2015 03:56 PM

I'm planing on getting one of the new WD Black 6TB HDDs when they come out here. I don't really care anymore if one of my drives fail, since I learned my lesson and have a 2TB "off site" backup HDD where I put all my important data and also ~1TB of OneDrive cloud for the bit less important stuff.


So yeah, I'm all up for bigger drives, videos are getting bigger and bigger with the higher

Posts: 5128  
Joined: 2005-08-10

resolutions, it will likely be the same with games slowly but surely.

EJocys

Newbie



Posts: 43  
Joined: 2003-07-08

#5153010 Posted on: 09/03/2015 01:45 PM

With Seagate's reliability their slogan of marketing campaign must be: **You can loose even more data now!**

P.S.: Lost two Seagate drives this year. One was Seagate Barracuda 7200.11. My condolences to Seagate Barracuda 7200.14 owners who are playing Russian Roulette with 2 bullets in the chamber (2 out 6 users are loosing their data in in the first year). By now, probably, exabytes must be used to count amount of data lost by Seagate customers:

<https://www.backblaze.com/blog/best-hard-drive/>

One important lesson can be learned from this - when buying new drive, wait till market will test it for a year and release annual failure rates.

Post New Comment

[Click here](#) to post a comment for this news story on the message forum.

JETZT TREIBER  
HERUNTERLADEN



Treiber Aktualisieren

Neue Windows 8/7/Vista/Xp/2000 Treiber

Bessere Computerleistung & Stabilität





Guru3D.com © 2015