



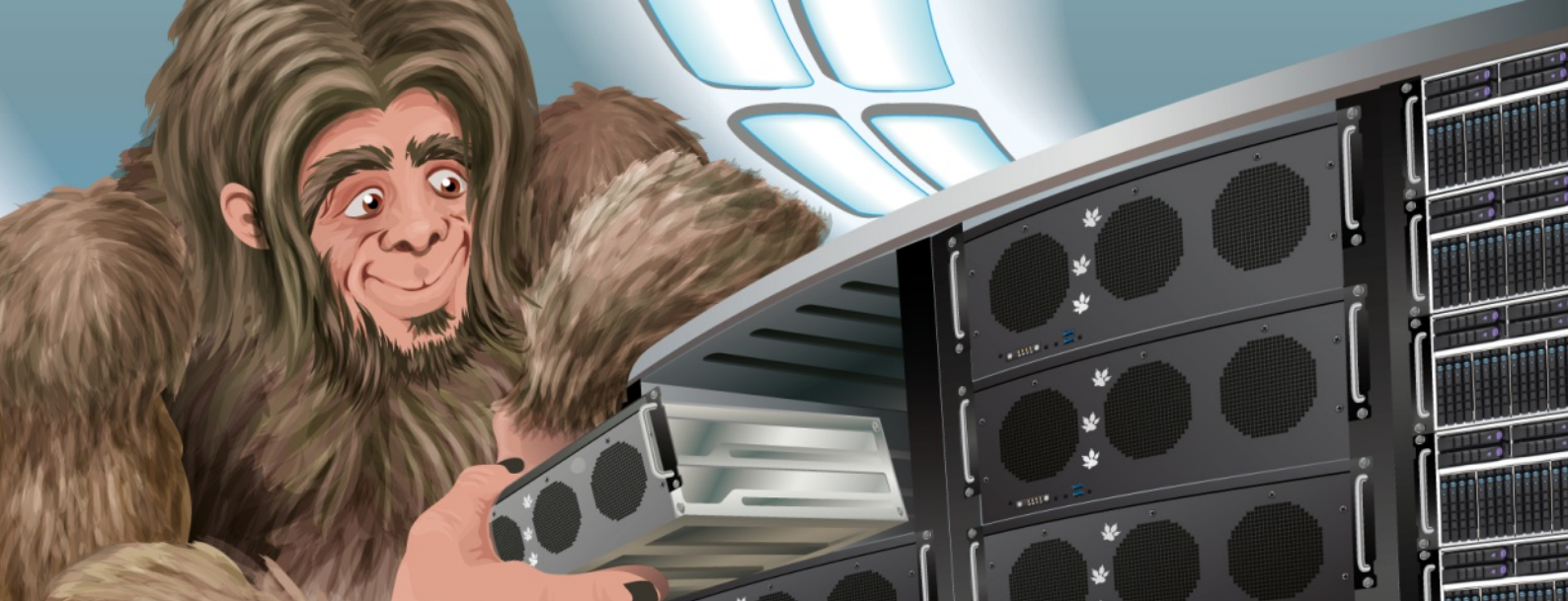
 **Product family brochure**

**BigFoot**<sup>®</sup>  
STORAGE SYSTEM

BECAUSE EVERY BUSINESS  
IS DIFFERENT!

RNT Rausch. Making IT possible.

**RNT**   
**RAUSCH**



BigFoot **XXL**ARGE



BigFoot **L**ARGE



BigFoot **FLASH 2/52**



**RNT**  
**RAUSCH**

BigFoot **FLASH 1/20**  
**FLASH 1/20N**





## Preserving critical data well into the future Breaking the mold with personalised Storage

With our passion for Storage, we pair unconventional thinking with world class engineering to go beyond standardised mass market Storage products. We believe that hardware needs to be optimised for any software that's running on it and

### It's all about data management

Do you still think that standard Storage solutions are fine because there's no alternative? We don't. Fast access to data is more important than ever and standard Storage products cannot be fine-tuned in a way that they are optimised for the applications and services you need to run your business successfully.

### Reducing complexity and cost

We understand that the ongoing digital transformation journey requires flexible storage solutions that support multiple platforms and protocols. BigFoot® Storage Systems are always one step ahead and offer unlimited connectivity and high scalability. Manage, protect and share your data in an agile and flexible way at a low cost per GB.

### 3 Storage tierings in one single box

BigFoot® Storage Solutions are breaking the mold and give you great density as well as lots of compute power with only those hand-selected quality components you need for your business.

BigFoot® is more than just building blocks. It's your personalised storage solution built to handle all your hot and back-up data, archives, caching, or even the toughest storage requirements you can think of. Inside each box are only those hand-selected enterprise-quality components that are the perfect fit for your storage scenario.

## Meet the RNT BigFoot® Storage Family!



## When size and speeddo matter

### Accelerating data processing with the fastest hard drive in the world

Let's have a look at the fundamentals of information technology in this decade: the most vital piece is data and access to it in a timely manner. We continue to generate huge amounts of data at an ever-increasing rate which our businesses and daily lives rely on.

BigFoot® XXLLarge is fitting all requirements and every budget with a need to lower storage TCO while giving you a highly flexible and scalable platform that adapts your business growth with simplicity and perfection.

### Personalised and optimised for any software

Storage specifications vary a lot and standard storage products cannot be fine-tuned that easily to keep up with your business needs. We want you to build your nodes to what you need and let you choose between BigFoot® XXLLarge with up to 960 TB raw capacity and BigFoot® Large with up to 480 TB.

BigFoot® Storage XXLLarge provides you with the highest possible density and the world's shortest chassis with only 750mm depth to fit in any standard rack. To give you the right balance of high performance compute and scalable memory power we put in twice the amount of hard drives per 1U.



BigFoot® XXLLarge gives you up to 48 disks and 8 x 2.5" SATA SSDs and 4 x 2.5 NVM2 U.2 SSDs in a single 4U chassis.



It's smaller brother BigFoot® Large has up to 24 disks and 2 x 2.5" SATA SSDs in a 2U chassis.

Add one or more controllers and CPUs of your choice and here comes your personalised Storage system at very competitive cost per GB. BigFoot® Storage XXLarge and BigFoot® Storage Large are both made of standard components from market leading quality suppliers because the best is just good enough.

## Let's rival SSD speeds

The proven standard disks of your BigFoot® XXLarge are already giving you great performance but now you can even double transfer rates and drop in the fastest hard drives in the world.

## Make 2 out of one!

Double the performance of high-capacity hard drives with multi-actuator technology. This ludicrously speedy new hard drive generation is able to rival SSD speeds because now each drive has two sets of arms that are moving independently. Multiple actuators enable independent data channels for IO transfers and double the performance via parallelism. Simply put, you'll get 2 drives in one.

To meet the demands of data-intensive applications the maximum hard disk performance alone is not good enough when the backplane becomes a bottleneck. With our passion for storage we have engineered a direct attached backplane for maximum bandwidth. Configure your BigFoot® Storage System with multi-actuator technology and the novel backplane we have designed to handle the throughput. Get close to the sustained transfer speeds of SATA based SSDs without paying the premium for Flash and even double capacity with multi-actuator disk from 14TB.

## Now you have

- ⊕ 48 physical disks in 4U providing great performance, optimal throughput and lowest latency
- ⊕ 48 physical and 96 logical disks in 4U and at twice the speed
- ⊕ A great alternative when Flash is too expensive
- ⊕ One platform for all storage scenarios to preserve your data
- ⊕ A highly flexible and scalable platform that saves costly energy and rackspace
- ⊕ A choice between standard HDDs or the fastest hard drives in the world



## Your data in a thrill of speed

### Remove the data access bottleneck

Data is invaluable in the age of digital transformation unless it's not just sitting on storage. When every microsecond counts and the need for speed is a business imperative BigFoot® Storagesystem Flash gives you more than 1 million IOPS tuned to your needs.

### Handle extreme spikes in data traffic

It's not only an obvious vertical like media & entertainment, healthcare, video surveillance, education, finance, or data analytics who requires super-fast access to data. Handling extreme spikes in data traffic is also quite common with Virtual Desktop Infrastructure (VDI) deployments as one of the key promises for end-users of a VDI is to access the data and applications they need to get a job done efficiently with speed and ease. To avoid bottlenecks at peak times storage systems must deliver consistent sub-millisecond response times to make sure that the end-users do not need to sit and wait for minutes to gain system access or complete a critical transaction.

With BigFoot® Flash, the issue of bottlenecks is a thing of the past, because your data is always in a thrill of speed. Even at peak times.

### Get into the pole position

Gaining a competitive advantage is a piece of pie for all businesses who understand the value of data. Fast access to data and its just in time analysis help to increase your productivity and accelerate time to market. BigFoot® Flash Storage Systems enable you to respond to your customers quickly and will put you into the pole position.

## Ready to race?

The BigFoot® Flash Family is here for you!



### Just like a sports car

Built to your business needs but always up for maximum performance with 20 x SSD in just 1U



### Your racing car

One of the quickest all-flash storage systems with 20 directly accessed NVMe SSDs combined with latest processor generation.



### Your muscle car

Superior performance built to your needs in 2U with 52 SSDs, delivering 400TB of high-density storage and boosted by up to 8 PCI I/O cards.





# RNT Rausch. Making IT possible.

RNT Rausch is a Germany based technology pioneer with 20+ years of experience in the high-tech server and storage industry and on a mission to always be ahead of technology trends. RNT offers tailor-made products and services that help customers and partners to enhance security, flexibility, scalability and sustainability and become fit for tomorrow's technical revolution.

## Let's talk!

The RNT sales team is looking forward to getting in touch with you now!

Email: [sales@rnt.de](mailto:sales@rnt.de)



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