



Product family brochure


Tormenta[®]
CORE & STORE

BUILT WITH PASSION
TO ELEVATE YOUR BUSINESS

RNT Rausch. Making IT possible.

RNT 
RAUSCH



VARIOSCALER



MINI DC 8400-series



MINI DC 5300-series





Built with passion to elevate your business

The Tormenta® Core & Store portfolio brings a refreshing breeze of change to your data centre

Don't call it legacy

A new climatic, economic and technological volatility hits our digital society. To avoid an emerging gap between what IT systems need to do and what they can actually do requires re-thinking rigid server and storage systems. Modern IT infrastructures are hybrid; they span cloud, colocation, on-premise and edge.

Tormenta® Core & Store is our server with storage systems portfolio composed of a an innovative and flexible design that addresses current and future needs of your business. Take the pieces you want now and simply adapt the specs when new technologies emerge, or you're adding more services and applications. This is a simple way to protect our environment, reduce electronic waste and extend the lifetime of your hardware.

Be sustainable, stay flexible

Climate and sustainability topics are a priority to us and start at the hardware level. The Tormenta® Core & Store Family is a sustainable modular platform with an extended lifetime and optimal density. Benefit from less power and cooling because inside your Varioscaler is only what you actually need. Your Mini-DC is a multi-talent and puts compute and storage power into one single box. Reduce electronic waste by simply adding components on the fly for more performance or capacity instead of buying a complete new device. Or, go all-in-one to spare valuable resources.

Be sustainable, stay flexible

We're even going beyond a classical custom-build where standard building blocks are simply put together. Tormenta® Core & Store starts from the chassis itself and we're only using enterprise grade components for high workloads and optimal performance. Inside each novel design chassis are only the boards, disks, CPUs, memory, and network interfaces you need to get the job done.

Get a new level of flexibility, sustainability and quality you've hardly seen before. Let's play along and challenge the system for better business outcomes.

Meet the members of Tormenta® Core & Store!"

Modular server systems mapped to your business requirements



Tormenta® VarioScaler addresses current and future needs of your business. Like the famous variously coloured interlocking plastic bricks our modular server system gives you almost unlimited flexibility and scalability. Any server should be optimised for the software and applications running on it.

We put your business requirements first and build your personalised server system that is cost and energy efficient, yet secure and reliable.

Mix & Match

Create optimal hardware specs for all applications that are critical to your business and choose the desired amount of enterprise-grade components like mainboards, memory, drives, CPUs, etc. Just mix and match from market leading quality suppliers. We'll design a personalised and scalable chassis that has lots of mounting points to make all standard components fit perfectly inside. That's how we build a modular Tormenta Varioscaler that's perfectly suitable to elevate your business.



From good shape to great shape

Application or deployment requirements change? No problem. Tormenta® Varioscaler gives your business unrivalled flexibility. Start from 1U and scale up to 3U by adding components at your own pace and just as you like or need.



Now you have

- ⊕ A new level of flexibility and quality you've never seen before
- ⊕ The option to scale up and scale down as needed
- ⊕ A variable server system adapting to volatile environments
- ⊕ A path from a non-green legacy to a new level of ecological sustainability at the hardware level
- ⊕ A personalised server system made in Germany with standard enterprise grade components inside

We're not only building your hardware; we're also pre-installing the software of your choice, run the tests, and then ship a ready-to-go Varioscaler to you.

Put your business in a box

Run your own compact and multi-functional Mini-DC

The Tormenta® Mini-DC series integrates enterprise-grade storage, computing and networking components in one compact and multi-functional box with either 8 nodes in 4U or 5 nodes in 3U. These cost effective and easily portable solutions simplify complex multi-device IT environments and support the growing demand for hybrid cloud and edge computing solutions. Put your business in a box and standardise your infrastructure without missing a single feature or functionality to drive the growth of your business.

There are plenty of reasons why you consider to move out of traditional and centralised data centres and create smaller, local networks instead. Tormenta® Mini-DC provides you with a multi-functional architecture that makes it as easy as pie to comply with IT security regulations, meet an increasing demand for computing power, or recover your business critical data within hours.

Putting and end to compromises

Your business deserves full support from an IT infrastructure that is sustainable, cost-efficient, reliable and easy to maintain and manage. Whether you choose Tormenta® Mini-DC as an edge device for real-time access to both information and analytics results, or you would like to adopt autonomic operation, multi-tenancy, distributed and local resiliency, is totally up to you. Either way, you will always stay in full control over your data.

The Tormenta® Mini-DC Family comprises of two different models to address a wide variety of use cases and businesses requirements:



MINI DC **8400-series**

With 8 independent nodes in 4U you can choose your RAM, CPU and storage for each node individually and independently. Move away from unused capacities trapped in siloes and allocate the right amount of resources when and where they're needed.



MINI DC **5300-series**



With 5 independent nodes in 3U you will get the highest density in a single chassis that 's currently available in the market and keep the same level of flexibility.

Now you can

- ⊕ Have S3-compliant object storage and your preferred backup solution all in the same box. We recommend to add a hardware-based load balancer for better distribution across the 8 nodes.
- ⊕ Have a flexible mix between storage and compute nodes that are either partially or fully virtualised and have everything you need to run your business consolidated on one single platform. Remember that having it all spread across multiple devices is more expensive in the end.
- ⊕ Take load off your network and handle critical data at the edge to reduce both latency and cost.
- ⊕ Have a variable platform adapting to fast changing business requirements. We recommend to embrace the New Normal and forget about old way to take your business to new heights.
- ⊕ Be truly green and simply re-configure a node when new applications or services have to be added; no need to buy new hardware and produce electronic waste.
- ⊕ Build your own highly secure private cloud serving all applications that are relevant to your business.

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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!

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