

# Nominee: Tormenta MegaCore Bladesystem by Rausch Netzwerktechnik GmbH

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## Nomination title: Tormenta MegaCore Bladesystem

160 Cores, 640 GB RAM and 80 TB HDD in 2 U – these are the impressive performance values of Tormenta! The blade system in the smallest of spaces is supplied with the latest Intel 8-core server CPUs. Each module comes fully equipped as well: two 2,5" drive bays, ECC RAM, VGA-, USB-, serial-, IPMI- and two 1GB/s-interfaces are supplied as standard. The Tormenta Megacore Blade System from Rausch Netzwerktechnik gives you a complete package in a compact amount of space.

Thanks to its compatibility to all common operating systems, the Tormenta Megacore Blade System is as fast to set up as it is powerful, too. Exactly as you need it. The Intel x86 core processors require a maximum of 20 watts – meaning enormous savings compared with conventional systems. However, low power consumption is just the beginning. The integrated, highly flexible fan management system optimises the internal flow of air according to load and at the exact location required. This can cut your electricity costs by up to 75 percent.

Dedicated servers, cloud platforms and high-performance computing require enormous amounts of space and electricity in order to perform their tasks reliably and without interruption. This results in high costs of operation. The Tormenta Megacore Blade System heralds a new era!

This powerhouse is the right solution for you if you are looking for full performance combined with reduced costs. You can minimize complexity in your data center while retaining every option to expand flexibly. You can choose to fit out only part of the housing and then scale up to the full rack version. You can flout the conventional laws of computing and take advantage of almost infinite possibilities with up to 3,200 cores, 12,800 GB of RAM and 1,600 TB of HDD capacity per rack!

## Why nominee should win

- 20 independent Blades with 160 Intel x86-Cores
- 3.200 Cores, 12.800 GB RAM und 1.600 TB HDD in 40U
- Chassis height only 2U
- Only 700mm (27,5") depth for 1000mm (40") racks
- LAN, IPMI, VGA, USB and seriell ports on each Blade