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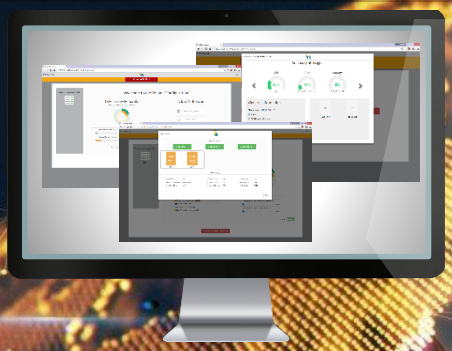
DB-Turbo IO

Zetta-Data Edition

The extra large CPU-core and Memory count MACHINE

UNPARALLELED SCALABILITY OF UP TO 32 SOCKETS

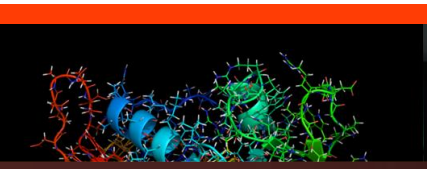


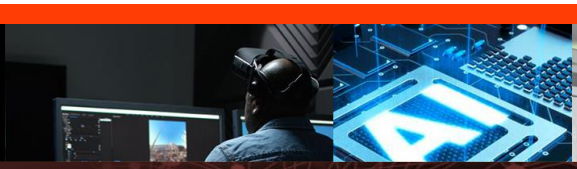
IN-MEMORY DESIGN AND UNMATCHED MEMORY CAPACITY OF UP TO **48 TB** IN A SINGLE NODE

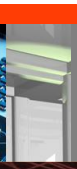
ENABLE REAL-TIME ANALYTICS AND TACKLE DATA-INTENSIVE HIGH-PERFORMANCE COMPUTING (HPC) WORKLOADS

The Biggest Data Machine

Its in-memory design and unparalleled scale give you the ability to analyze the growing amount of data moving through your business in real time, keeping you a step ahead.
Because the infrastructure is modular, it's the right fit for any business of any size.







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DB-Turbo IO Zetta-Data

The DB-Turbo IO Zetta-Data configuration, as like all DB-Turbo IO systems, is identifies as a "Data Processor Machine" engineered to deliver dramatically better performance, cost-effectiveness, and availability for databases and applications with intensive IO operations over data.

Zetta-Data is based on a modern architecture featuring scale-UP, with large CPU cores-count and built-in intelligent liquid-storage management.

Zetta-Data runs all types of database workloads, including Online Transaction Processing (OLTP), Data Warehousing, and a consolidation of mixed workloads. Zetta-Data powers and protects the most important databases.

Zetta-Data permits to deliver the unique power needed for the most demanding in-memory applications like DNA/RNA sequencing by providing up to 48 TByte of shared memory in a single node.

Unmatched Features

- *Get the computing power you need for your most demanding in-memory workloads with groundbreaking performance at scale, ultra-low latency, and high bandwidth.*
- *Designed for the future based on Memory-Driven Computing design principles to boost analytics performance up to 100X, or more.*
- *Zetta-Data Server has a unique modular design that scales flexibly and seamlessly from 4 to 32 sockets in 4-socket increments.*
- *Zetta-Data Server delivers the highest levels of uptime on industry standards with proven RAS capabilities, not available on other standard platforms, resulting in five nines (99.999%) single-system availability.*
- *Reduces human error with best-in-class predictive fault handling Error Analysis Engine, which predicts hardware faults and initiates self-repair without operator assistance.*

Up to 896 CPU Cores

Up to 48 TB of Shared Memory

Proven 99.999% RAS

Scalable Architecture

KEEP PACE WITH EVOLVING DATA DEMANDS

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