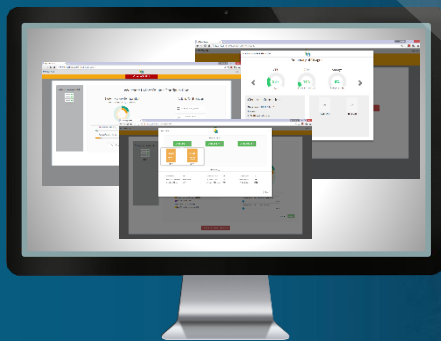



DB-Turbo IO


Turbocharging your Applications with the Most Innovative Server Solution

RUN YOUR DATA-APPLICATION AT INCREDIBLE SPEED WITHOUT ANY CHANGES!



OPTIMIZE YOUR PERFORMANCE, DATA OPERATIONS, AND COST FOR ENTERPRISE-WIDE BUSINESS IMPACT


 **Easy of Deployment**
Very easy to install and use with no software changes required

 **Higher Performance**
Increase performance using COTS servers components

 **Lower Latency**
Predictable low latency

 **Leading Edge Technology**
Cutting edge CPUs, SSDs, and Coprocessors

 **Enterprise Features**
Cluster functionality provides high availability and built-in data redundancy

 **Lower Operation Costs**
Significantly lower TCO
Reduce the number of server by more than 50%

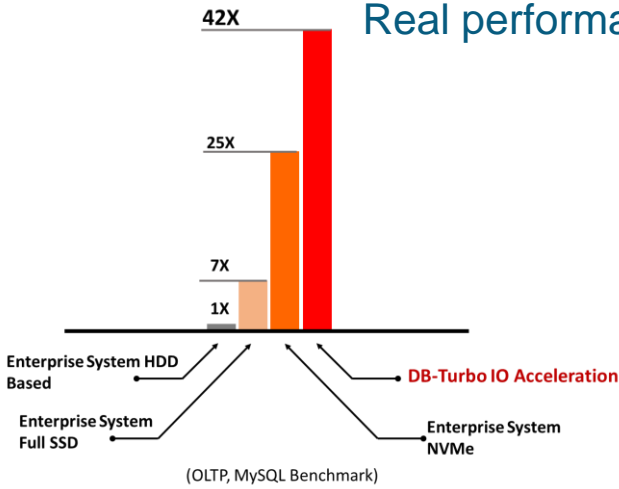
Next generation servers for high-speed data computing without application changes

DB-Turbo IO provides maximum performance to any data-intensive application. It is designed to address key inefficiencies when executing data applications, providing significantly higher performance at lower TCO on single node and scale-OUT architecture, but without requiring software changes. Any standard database can benefit from better performance and better efficiency. Standard benchmark shows up to 42x acceleration over traditional servers and equipment.

(*) Different nodes available



Real performance and productivity benefits

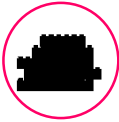


Db-Turbo IO leverages the cutting edge performance of the A3Cube-optimized servers in combination with a complete software orchestrator. That combination permits to make the system up and running in the most comfortable way possible, achieving in a few mouse clicks a level of performance that usually requires hours of in-depth tuning and very high expertise. The unique combination of hardware and software not only enables to fully express the capability of your unmodified application, but it is immediately evident to everybody, that provides the best return on the investment available on a market product.

Multiple configurations to match any requirements:



Flexible: DB-Turbo IO provides unique configuration features for unmatched flexibility.



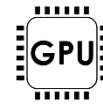
Composable: A3Cube, as a recognized leader in composable infrastructure technology, with its RONNIEE Express™ fabric, has engineered a new generation of servers that are able to scale their resources across multiple nodes eliminating all the traditional server limits.



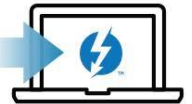
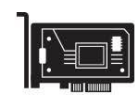
Scale-OUT: DB-Turbo IO provides scale-OUT capabilities to support “massively parallel databases” and modern multimode applications.



Cutting edge ultra fast scalable storage



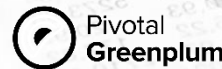
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GPU Scale-UP support

Filesystem hardware acceleration

Db-Turbo IO accelerates (some examples):



- Single, unified hardware-software solution that is ready in minutes not days
- Run multiple applications concurrently
- On-node memory, storage, and hardware accelerators (e.g. file system accelerators, and compression accelerators) to accelerate results
- Composable interconnect for the fastest available analytics
- GUI based Tuning for complex task optimization and system configuration
- Open framework can integrate new technologies as they emerge
- Standard server architecture
- No application changes required
- Standard CPUs and Peripherals
- Built around cutting edge technologies

Db-Turbo IO: Designed around the applications:



INDUSTRY 4.0



e-COMMERCE



CYBERSECURITY



IoT



REAL TIME DATA

