

PAVILION DATA

STAC Summit: New York

Co-Founder and CTO, VR Satish

PAVILION DATA

World's First Hyperparallel Array
that can ingest, process, store and serve
an order of magnitude more data for
Massively-Parallel, Modern Applications
with enterprise-class data management capabilities

Performance Of DAS



Benefits Of Shared

NVMe over Fabric Storage Array



20x
Faster

50%
Lower Acquisition Cost

Enterprise Grade **Serviceability**

Reliability & Data Mgt (Thin, Snapshots, RAID)
No Agents: 100% Standards Based, No Host S/W
Field Upgradable Hot Plug x86 Components

Blazing **Performance**

20M IOPS
120 GBPS Bandwidth
100µSec Latency

Class-Leading **Density**

Rack Scale 4U
14TB to 1PB Single Appliance
40x 100GbE Ports

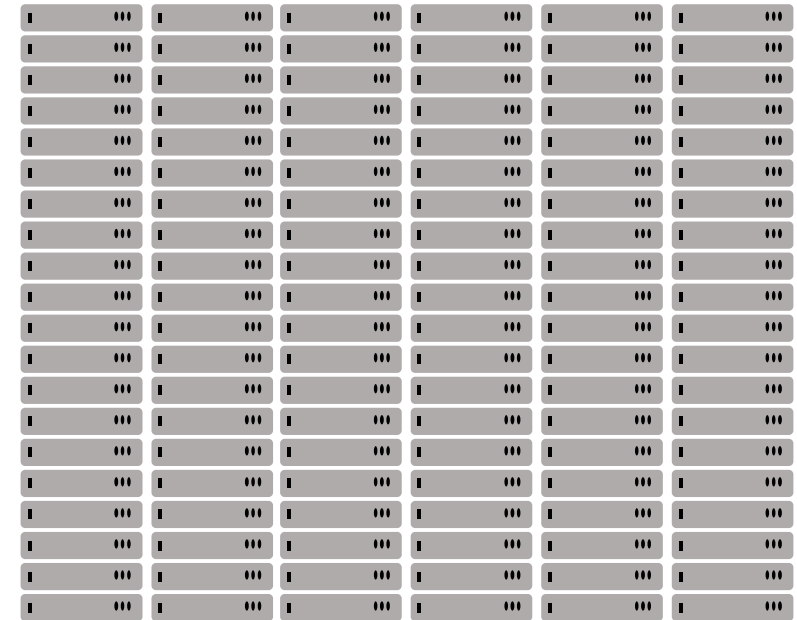
Extreme Performance

READ



90GB/sec

100 μ s



Extreme Performance

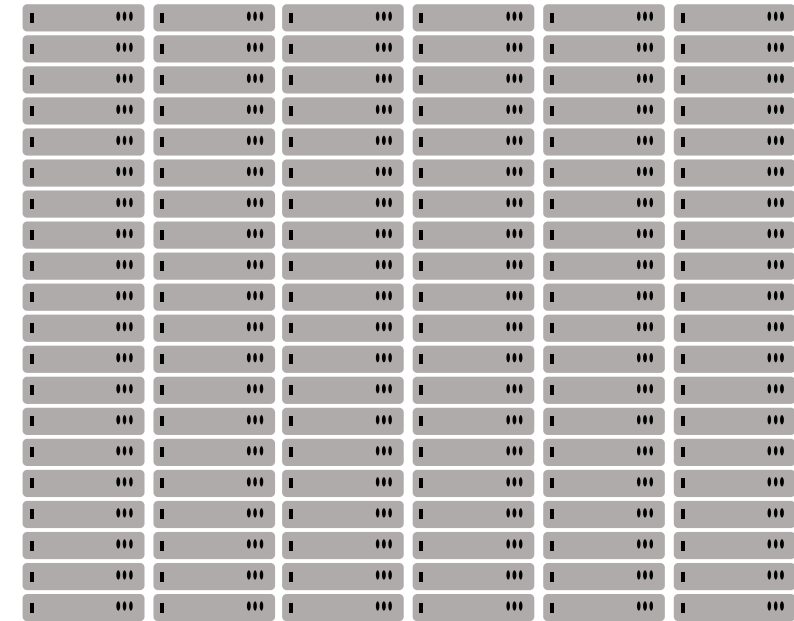
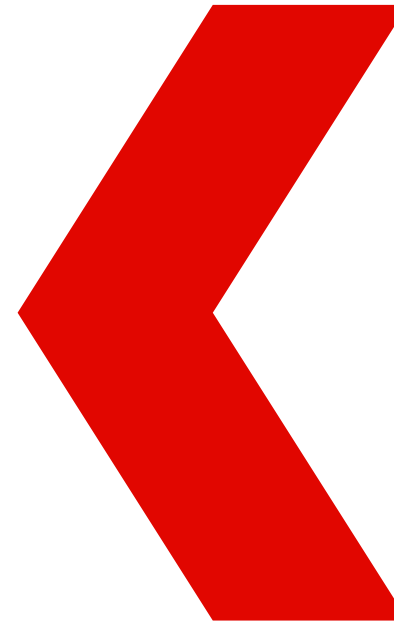
WRITE



90 GB/sec

40 μ s

with 40 outstanding IOs



Proven Performance

Outperformed **all** publicly disclosed results in 4 of 17 mean-response time benchmarks:

- STAC-M3.β1.100T.STATS-UI.TIME
- STAC-M3.β1.50T.STATS-UI.TIME
- STAC-M3.β1.10T.STATS-UI.TIME
- STAC-M3.β1.10T.STATS-AGG.TIME

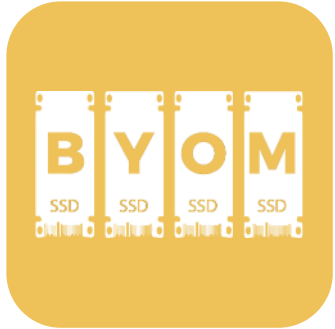
Faster in **8** of 17 mean-response time benchmarks than all other solutions using kdb+ and flash arrays, including the benchmarks above plus:

- STAC-M3.β1.100T.VWAB-12D-NO.TIME
- STAC-M3.β1.10T.VOLCURV.TIME
- STAC-M3.β1.1T.MOHIBID.TIME
- STAC-M3.β1.1T.STATS-UI.TIME

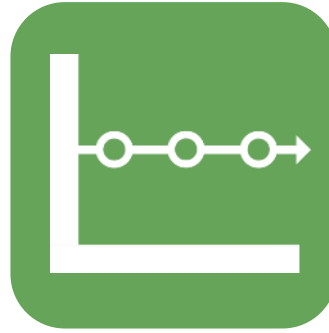
<https://stacresearch.com/news/2019/10/14/KDB190927>



Disruptive Business Model



Bring Your Own Media
Re-use existing SSDs



Flat, Predictable Pricing
NOT tied to Storage Capacity



All-Inclusive, Cloud-Like
Subscription Price

OPENCHOICE STORAGE

If you are running....



Talk to us

Thank You