INTRODUCING THE KOVE:SDM™ MEMORY TOWER

A hardware-software memory solution with unlimited scaling across the data center.

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Just imagine what you could accomplish rolling in 39+ TiB of real memory whenever you need it — immediately usable and shareable across your data center. Imagine improving time to solution while reducing cost at the same time. The last horizon of virtualization, memory, is available globally now.

A powerful partnership

KOVE®

Creators of Kove:SDM™, the world's first fully mature, fully patented, commercially available software-defined memory solution, which eliminates traditional memory constraints.
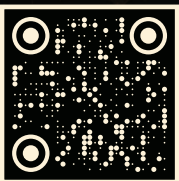
VIKING Enterprise Solutions
A Sanmina Division

Enabling the most demanding data center requirements with advanced product solutions and applications knowledge.

Red Hat

Red Hat Enterprise Linux brings flexibility and reliability to new frontiers, while deploying and running applications from anywhere.

Computacenter

Global delivery and engineering leader, delivering enterprise-level prowess and support capabilities to organizations worldwide.

Scan the code to learn how the Kove:SDM™ Memory Tower can unlock new levels of performance for your enterprise.

An immediate solution for your memory limitations.

Add the Kove:SDM™ Memory Tower to a data center quickly and easily, then immediately start managing data center memory, local or remote to the server, with precision, speed, flexibility and security. Pool memory, scale capacity, and supercharge performance — all with no qualifications or physical limits. Your only limitation is your creativity.

01

Unlimited server memory

Adapt and expand memory without limit — optimizing performance for any workload, hardware configuration, or need.

02

Eliminate latency

Kove:SDM™ solves the latency problem across the data center, delivering local performance from 150 meters or farther away.

03

Improved memory recovery time

Achieve instantaneous memory recovery after DIMM failure through new Kove:SDM™ memory allocations.

04

Any sized compute

Let your workload needs compose the hardware configuration you need, not the other way around.

UNPRECEDENTED PERFORMANCE. UNHEARD OF RESULTS.

60x
Customer-validated performance improvements vs. leading virtual machines.

125x
Faster processing than swap.

54%
Reduce your power consumption needs by up to 54%.

200%
Or greater ROI.

136x
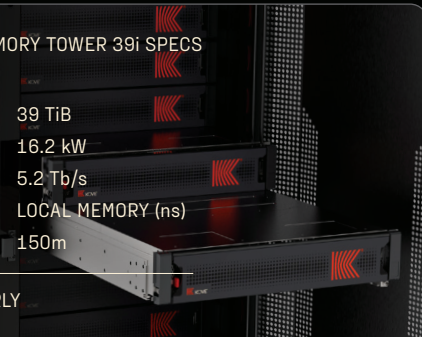Run Redis databases 136x larger than local memory.

8x
Improve CPU utilization by 8x.

Kove:SDM™ Memory Tower By the Numbers

KOVE:SDM™ MEMORY TOWER 39i SPECS
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MEMORY	39 TiB
POWER	16.2 kW
BANDWIDTH	5.2 Tb/s
LATENCY	LOCAL MEMORY (ns)
DISTANCE	150m

SCALES LINEARLY

Add towers to create limitless memory
—

5x KOVE:SDM™ MEMORY TOWER 39i
195 TiB MEMORY POOL

10x KOVE:SDM™ MEMORY TOWER 39i
390 TiB MEMORY POOL

100x KOVE:SDM™ MEMORY TOWER 39i
3.8 PiB MEMORY POOL

READY TO TRANSFORM YOUR BUSINESS?
Place your order today with info@vikingenterprise.com.