

READY FOR WHAT LIFE BRINGS NEXT

DELIVER YOUR DATA CENTER APPLICATIONS WITH LEADING PERFORMANCE, SECURITY AND EFFICIENCY

Nutanix software & AMD EPYC processor-based systems deliver leadership to optimally run critical business applications

Faster Performance

Up to 2X higher results for key business workloads¹

Greater Security

Hardened from the perimeter to the core for top protection

Better Efficiency

Simplified management and greater consolidation enable lower cost and better value

A new design for Data Center processing Now in its 2nd generation

Fuel the most demanding applications

- Business Critical Apps
- Analytics
- VDI
- Unified Communications
- Databases
- File and Object Storage

More than

170

AMD performance world records and growing¹

Better Performance and Higher Throughput

Cloud & Virtualization Performance – VMmark[®] 1.43X¹

2x AMD EPYC™ 7702 12.88

2x Comparable x86 brand 9.02

Floating-Point Performance – SPECrate[®] 2017_fp_base¹

2x AMD EPYC™ 7742 524

2x Comparable x86 brand 293

JAVA[®] Performance – SPECjbb[®] 2015-MultiJVMmax-jOPS¹

2x AMD EPYC™ 7742 355121

2x Comparable x86 brand 194068

Integer Performance – SPECrate[®] 2017_int_base¹

2x AMD EPYC™ 7742 682

2x Comparable x86 brand 364

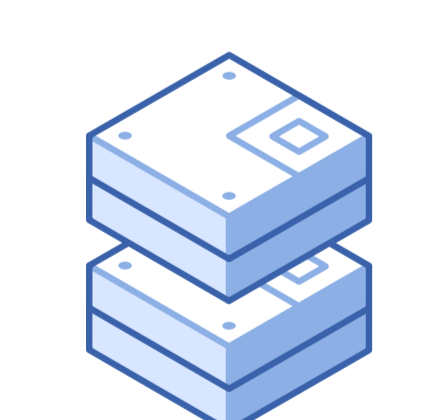
HPC Performance – ANSYS Fluent[®]

2x AMD EPYC™ 7742 885

2x Comparable x86 brand 444

Performance additionally enhanced by Nutanix data locality. With this capability, data and its associated applications are co-located on the same node by default to speed performance by minimizing hops across multiple cluster nodes.

Greater Security



Hardened Core

AMD's built-in data isolation across virtual machines, memory and threads to minimize impacts of any breach



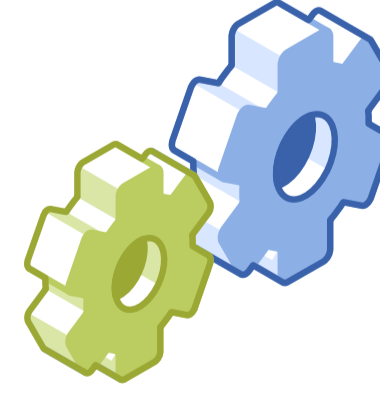
Protected Firmware

Each system given a unique fingerprint that will prevent firmware attacks from boot-up through on-going operation



Application Protection

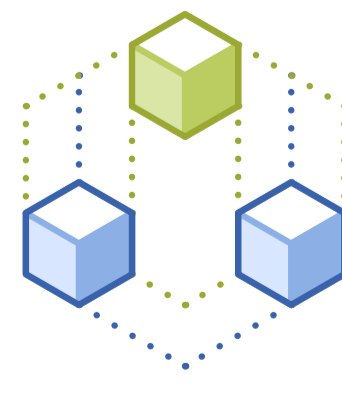
Micro segmentation from Nutanix Flow provides internal firewalling which protects applications and their VMs in case of a perimeter breach



Configuration Security

Nutanix enables IT to deploy a hardened baseline configuration in a machine-readable format that is constantly monitored and automatically restored if it's not compliant to ensure a secure system

Better Efficiency



Simplified Management

AMD's built-in data isolation across virtual machines, memory and threads to minimize impacts of any breach



Streamlined Resources

Nutanix simplifies infrastructure management, further enhanced by AMD's computing density, enabling fewer cluster nodes which further lowers admin time and costs

Sources:

1 <https://www.amd.com/system/files/documents/amd-epyc-7Fx2-sqlserver-competitive.pdf> and <https://www.amd.com/system/files/documents/AMD-EPYC-7002-Series-Datasheet.pdf>