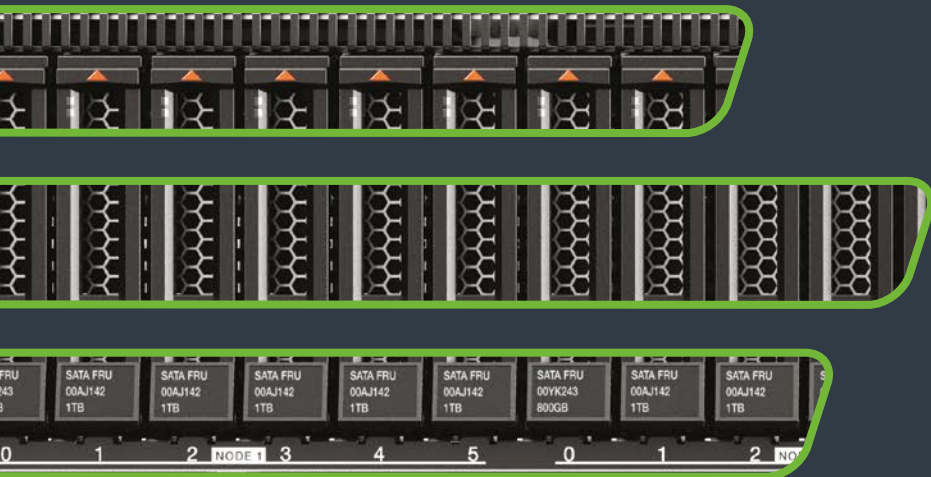# Hyperconverged Infrastructure tailored for SMB

For growing, small to medium-sized businesses, purchasing, installing and managing IT infrastructure poses significant challenges. Traditional infrastructure solutions may simply be too complicated, requiring specialized, hard-to-find IT skills and stretching IT budgets to the breaking point.

The answer may be a turnkey appliance that eliminates complicated integration and operation of traditional IT infrastructure to instead easily run all your business applications. The solution so simple and worry-free it can be thought of as invisible infrastructure.

Here are 10 things to know about Lenovo HX 2000 Series powered by Intel® Xeon® processors and Nutanix Xpress edition software and how it can provide value to your business.

Intel® Xeon® processor.
Intel Inside®.
New Possibilities Outside.

NUTANI X™

01 New Infrastructure Alternative for Growing Businesses

The Lenovo HX 2000 Series embodies concept of invisible infrastructure. The solution integrates compute and storage deployed as a group or cluster of x86 industry standard servers with pre-installed system software designed to run all common business applications quickly, seamlessly share resources and automatically protect the data through multiple copies of data spread across the cluster.

02 Affordable Entry Price

The HX 2000 Series running Nutanix Xpress software protects IT budgets by reducing the cost of buying and managing infrastructure. You can start with a small footprint — three nodes in as little as 3 ½ inches (2U) of rack cabinet space – and simply grow from there, when needed.

03 Easy to Order

The appliance comes as configure to order, meaning you can customize compute, storage capacity and memory to meet the needs of your applications. No additional configuration expertise is required when customer requirements are known.

04 Powers All Workloads and Use Cases

Businesses around the world run their business-critical applications and production workloads on the Lenovo HX 2000 Series. Many customers start with one or two use cases including Big Data, VDI, and running enterprise applications such as SQL Server, Oracle and SAP, along with collaboration and unified communication and then expand into other applications as they see how easy it is to use.

05 Built-in Virtualization

The built-in Nutanix AHV hypervisor and powerful virtual machine (VM) management delivers consumer-grade simplicity to IT management and administration. It eliminates expensive virtualization licensing costs – no additional software components to install and manage. Powerful virtualization features such as VM high availability, live migration of VMs with the applications that run on them and one-click upgrades come standard and can be fully managed using a single management interface.

06 Future-proof Data Protection

Running Nutanix Xpress edition software, the Lenovo HX 2000 Series provides easy data backup to public cloud services, such as Amazon Web Services (AWS) and Microsoft Azure, to deliver a practical solution to running, protecting, and managing data between on-premises and cloud solutions.

07 World-Class Support

Lenovo in partnership with Nutanix supports the entire infrastructure stack. Lenovo HX 2000 comes with world-class, top-rated hardware support from Lenovo and the Nutanix team of software experts.

08 Easy to Install and Configure

All system software is factory pre-installed and ready to run nearly any virtualized application in less than 60 minutes.[1] It eliminates the need for specialized IT skills, such as storage administrators and virtualization experts. Your regular IT staff can configure the Lenovo HX 2000 Series cluster in minutes and start deploying applications right away.

09 Renown Reliability to Reduce Risk

The Lenovo HX 2000 Series solution with integrated Nutanix Xpress software self-heals, restoring full resiliency quickly and without intervention from your IT staff.

10 Provides Extreme Business IT and Value

Lenovo HX infrastructure offers tangible benefits to customers in terms of greater agility, faster time to value and lower TCO. A study conducted by ESG found that customers get 387% Return on Investment over a 3-year period. The biggest benefits are in terms of lower operational demands and expense – Lenovo HX 2000 systems powered by latest Intel® Xeon® processors reduce management time by 77% and reduce application downtime by 56%.