

Lenovo HX 2000 Series appliances powered by Nutanix Xpress software



Lenovo HX 2000 Series appliances powered by Nutanix Xpress software take the risk and cost out of IT for the small and medium-sized business

For small and medium-sized businesses, purchasing, installing, and managing IT infrastructure poses significant challenges. Existing solutions may be too complicated and require specialized skills that overstretch IT budgets.

The Lenovo Converged HX 2000 Series appliances with integrated Nutanix Xpress software address the IT needs of smaller organizations through ease of management, lower TCO, and simple, risk-free deployment, with world-class support for the entire infrastructure stack just a phone call or email away.

OFFERING OVERVIEW

Lenovo HX 2000 Series with integrated Nutanix Xpress software is a complete hyperconverged offering that natively integrates server, storage and virtualization in a single, space-saving platform and radically simplifies the infrastructure stack.

- **Plug and Play.** All software factory pre-installed and ready to run nearly any virtualized application for small and medium businesses
- **Built-in virtualization.** Built-in Nutanix AHV hypervisor and powerful VM management eliminates expensive virtualization licensing costs – no additional software components to install and manage
- **Future-proof.** Easy data backup to public cloud services, such as Amazon Web Services (AWS) and Microsoft Azure, to deliver a practical cloud strategy
- **Support.** Award-winning support from Lenovo and Nutanix technical teams and the communities of IT experts designed for small and mid-sized businesses

ACCESSIBLE FOR ALL

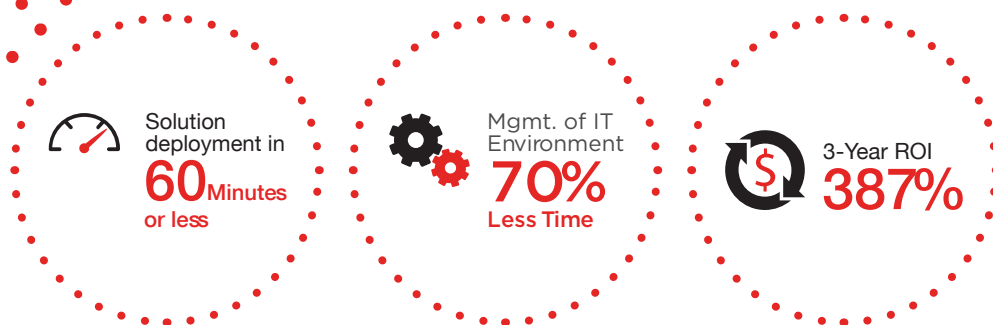
Lenovo HX 2000 Series makes on-premises infrastructure as simple to consume as public cloud services. The infrastructure can be installed, configured, and ready to run virtualized applications in 60 minutes or less.

- **Eliminate the need for specialized skills.** Lenovo HX 2000 Series powered by Nutanix Xpress software greatly simplifies the entire IT environment, including storage and virtualization
- **Reduce purchasing costs.** Total cost of ownership is 2.5X less than comparable traditional infrastructure
- **Consolidate all applications.** Everything runs on a single system—with no specialized or dedicated hardware
- **Streamline management.** With consumer-grade design, Nutanix Prism makes it easy to keep infrastructure up and running

TAKES THE RISK OUT OF IT DEPLOYMENTS

A fully integrated, turnkey solution eliminates complicated IT integration and set-up, enabling teams to focus on the applications that power the business. With natively converged storage, compute, DR and virtualization resources, Lenovo HX 2000 Series appliances with integrated Nutanix Xpress software are simple for smaller companies to install, manage, and support.

- **Resiliency and Self-Healing.** Nutanix Xpress self-heals, restoring full resiliency quickly and without intervention
- **Full Support from a Single Vendor.** Lenovo supports the entire infrastructure stack, eliminating finger-pointing

Figure¹

Lenovo HX 2000 Series Specifications

Lenovo HX 2000 Series appliances are available in 1U 1-node, and 2U 4-node form factors and offer pre-integrated Nutanix Xpress software which contains a rich set of features optimized for small and medium businesses (SMBs).[§] The appliance comes as configure to order, meaning you can customize compute, capacity, memory to meet the needs of your applications.

APPLIANCE

HARDWARE SPECIFICATION	
Model	HX2310-E (1U 1-node), HX2710-E (2U 4-node)
Server Compute	Dual Intel Xeon: E5-2609 v4 [16 cores] Dual Intel Xeon: E5-2620 v4 [16 cores] Dual Intel Xeon: E5-2630 v4 [20 cores]
Storage Capacity	1x SSD [480 GB, 800 GB, 1.2 TB, or 1.6 TB] 6x 1TB or 6x 2TB HDD [HX2310-E], 5x 1TB or 5x 2TB HDD [HX2710-E]
Memory	64GB, 128GB, 256GB or 512GB
Network Connections	4x 1 GbE [HX2310-E], 2x 1GbE [HX2710-E] Optional Add-on: Dual-Port 10 GbE
Warranty	Lenovo 3-year or 5-year limited hardware warranty

SOFTWARE SPECIFICATION	
Hypervisors	Nutanix Acropolis Hypervisor [AHV] pre-loaded; optional VMware ESXi, Microsoft Hyper-V
Systems Management	Hardware management via Lenovo XClarity Cluster and Virtualization Management via Nutanix Prism
License Options	Nutanix Xpress Edition

Figure¹: A recent ESG study identified significant ROI and operational time savings improvements versus traditional infrastructure

[§] Contact your local Lenovo representative or Business Partner for availability in your country.

SOFTWARE

Enterprise Storage
Cluster Size (3 or 4)
Data Tiering
Online Cluster Grow & Shrink
Compression
Deduplication
VM-centric Snapshots & Clones
VM Flash Mode
Infrastructure Resilience
Data Path Redundancy
Tunable Redundancy Factor (2)
Data Protection
Replication & Disaster Recovery
VSS Integration
Remote Backup
Cloud Connect
Metro Availability
Security
Client Authentication
Client Lockdown
Management & Analytics
Centralized Management
One-click Upgrades (Nutanix OS & Hypervisor)
Pulse
Cluster Health
REST APIs
Virtualization
Built-In AHV
vSphere & Hyper-V Support VM Operations
Intelligent VM Placement
Virtual Network Configuration
Host Profiles
VM HA



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

NUTANIX™