LENOVO BLADECENTER H

Extending the value of blades to higher performance in an enterprise environment

▶ POWERFUL PERFORMANCE

In today's high-demand enterprise environment, organizations need a reliable infrastructure to run compute-intensive applications with minimal maintenance and down-time. Lenovo® BladeCenter® H is a powerful platform built with the enterprise customer in mind, providing industry-leading performance, innovative archi-tecture and a solid foundation for virtualization.

▶ This 9U chassis is a workhorse— it runs applications quickly and efficiently, enabling organi-zations to maximize their investment and succeed in a highly competitive market. The powerful BladeCenter H delivers the performance customers need to make informed decisions. BladeCenter H can help organi-zations run applications even more efficiently by delivering a flexible, open and connected infrastructure.

▶ DRIVING INNOVATION

The BladeCenter H chassis pro-vides the standard BladeCenter functionalities with the added performance of high-speed I/O and the fastest blades. Other highlights include:

- High-speed fabric with eight data channels to every blade, four of which can be 10 Gb
- Leadership high-efficiency power supplies
- Flexible, scalable design so the system can grow as your business grows

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- Multi-Switch Interconnect Module for additional connectivity to blade servers
- Light path diagnostics for fast, simple, accurate troubleshooting to help guard against system downtime

MANAGING GROWTH

With its unsurpassed architecture, BladeCenter H efficiently integrates servers, storage, networking, I/O and applications, enabling organizations to build flexible IT infrastructures using common building blocks. This helps customers control costs by protecting their investments— and with a powerful set of tools that are open and equally integrated, organizations can quickly deploy and easily manage their systems.

As a rack-dense, space-saving chassis, BladeCenter H provides a superior foundation for virtualization. And in a virtualized environment, organizations can run a more flexible, better utilized and potentially more cost-effective IT infrastructure with a common management construct.

▶ RIGHT CHOICE

As an industry leader in innovative IT systems, Lenovo delivers yet another important solution for the IT environment. BladeCenter H is the ideal chassis for running the most demanding applications and simulations at high speeds, giving enterprise organizations a distinct advantage over competitors.

BladeCenter H delivers high performance by supporting 4X InfiniBand and 10 Gb Ethernet switches. It also supports the largest power supplies and the entire Lenovo family of blade servers. BladeCenter H helps reduce energy costs with leadership high-efficiency power supplies that are 94 percent efficient and 80 PLUS Platinum Certified.

▶
80 PLUS PLATINUM

**Run Cool
Run Reliably
Run With 80 PLUS®**

www.80PLUS.org

The BladeCenter family of products includes three chassis— BladeCenter H, BladeCenter HT, and BladeCenter S—that meet a wide range of customer needs.

WHY LENOVO

Lenovo is the leading provider of x86 systems for the data center. The portfolio includes rack, tower, blade, dense and converged systems, and supports enterprise class performance, reliability and security. Lenovo also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.

SPECIFICATIONS

FORM FACTOR/HEIGHT	Rack-mount chassis/9U
BLADE BAYS	Up to 14
SWITCH MODULES	Up to four traditional, up to four high-speed, and up to four bridge module bays
POWER SUPPLY MODULE	Up to four hot-swap and redundant 2980 W ac high-efficiency power supplies with load-balancing and failover capabilities. Operating at 200-240 V
COOLING MODULES	Two hot-swap and redundant blowers standard, additional fan packs on power supplies
SYSTEMS MANAGEMENT HARDWARE	Advanced Management Module standard; add an optional Advanced Management Module for redundancy
I/O PORTS	USB-based keyboard, video, mouse (KVM), Ethernet, USB
MEDIA	Two USB connections and an optional DVD multiburner
SYSTEMS MANAGEMENT SOFTWARE	Systems management and trial deployment tools
PREDICTIVE FAILURE ANALYSIS	Internal storage, processors, blowers, memory
LIGHT PATH DIAGNOSTICS	Blade server, processor, memory, power supplies, blowers, switch module, management module, internal storage and expansion card
LIMITED WARRANTY	Three-year customer replaceable unit and onsite limited warranty
EXTERNAL STORAGE	Support for System Storage® solutions (Including DS and NAS family of products) and many widely adopted non-Lenovo storage offerings

lenovo.

FOR MORE INFORMATION

To learn more about the BladeCenter H, contact your Lenovo representative or Business Partner or visit
lenovo.com/servers

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