



Highlights

- Integration by design: integrated compute, storage, and I/O environment provides unprecedented workload consolidation, availability, and time to value
 - Built-in expertise: management integration allows multiple chassis to be controlled from one interface
 - Simplified experience: all-in-one design simplifies adding compute, storage and networking capacity
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IBM Flex System Enterprise Chassis

To meet today's complex and ever-changing business demands, you need a solid foundation of compute, storage, networking and software resources that is simple to deploy and can quickly and automatically adapt to changing conditions. You also need to be able to take advantage of broad expertise and proven best practices in systems management, applications, hardware maintenance and more.

The IBM PureFlex System combines no compromise system designs along with built-in expertise and integrates them in complete, optimized solutions.

The IBM Flex System™ Enterprise Chassis is a simple, integrated infrastructure platform for your PureFlex System that supports a mix of compute, storage, and networking resources to meet the demands of your applications. The solution is easily scalable with the addition of another chassis with the required nodes. With the Flex System Manager, multiple chassis can be monitored from a single screen. The 14 node, 10U chassis delivers high speed performance complete with integrated servers, storage, and networking. This flexible chassis is designed to deploy simply now and to scale to meet your needs in the future.



Unprecedented flexibility and efficiency

The 14 bays in the chassis allow installation of compute or management nodes, with networking modules in the rear. A single chassis or a group of chassis can be fully customized to the specific needs of the computing environment. With support for POWER7® and Intel processor based nodes in standard or double-width form factors, you can choose the architecture you need. IT can meet the needs of the business using a single system across multiple architectures and operating environments.

The system monitors and manages power usage on all major chassis components so you have total control over power consumption. The chassis supports N+N or N+1 redundant power supplies, a single, three-phase power domain and an entirely passive mid-plane to meet your reliability needs. The power supplies are 80 PLUS Platinum certified indicating high energy efficiency. The chassis design also optimizes cooling with cooling zones within the chassis. The system manages the fans based on node configuration within the chassis. So the system can increase the speed of certain fans to cool potential hotspots, and use lower speeds for other fans where appropriate.



Easily scalable with simple administration

Because the Flex System Enterprise Chassis is an all-in-one solution, it is designed for growth from a single chassis to many. Adding compute, storage, or networking capability is as simple

as adding additional nodes, modules or chassis. The simple, highly integrated management system allows you to use the Chassis Management Modules integrated into each chassis to administer a single chassis or Flex System Manager controls up to four chassis from a single panel.

Designed for multiple generations of technology

The Flex System Enterprise Chassis is designed to be the foundation of your IT infrastructure now and into the future. Compute performance requirements are always on the rise. Networking demands continue to grow with bandwidth needs rising and shrinking tolerance for latency. The chassis is designed to scale to meet the needs of your future workloads—even workloads that you haven't envisioned yet—offering the flexibility to support current and future innovations in compute, storage and networking technology on the PureFlex System roadmap.

IBM has decades of experience delivering essential IT

IBM has taken knowledge, expertise and technology gained from decades of experience and investment in IT solutions for business problems and integrated it into the PureFlex System.

And with a commitment to open standards you can integrate IBM solutions with other elements of your own environment with your network of partners, customers and suppliers.

With a broad ecosystem of partners with technical and industry expertise, and the unique ability and skill to integrate it all together for you—along with an unwavering commitment to your success—you can rely on IBM and your IBM PureFlex System.

For more information

To learn more about the IBM Flex System Enterprise Chassis, please contact your IBM marketing representative or IBM Business Partner, or visit the following website:

ibm.com/systems/flex/

Additionally, IBM Global Financing can help you acquire the IT solutions that your business needs in the most cost-effective and strategic way possible. We'll partner with credit-qualified clients to customize an IT financing solution to suit your business goals, enable effective cash management, and improve your total cost of ownership. IBM Global Financing is your smartest choice to fund critical IT investments and propel your business forward. For more information, visit: ibm.com/financing



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