

IBM POWER SYSTEMS

Powerful forces—mobile, cloud and big data & analytics—are redefining how business gets done. Leaders are leveraging these forces to deepen relationships with customers and partners, drive new efficiencies and expand business models. LRS is the right partner to help you:

THE SPEED OF INNOVATION

Leverage Systems that Optimize Big Data and Analytics Performance.

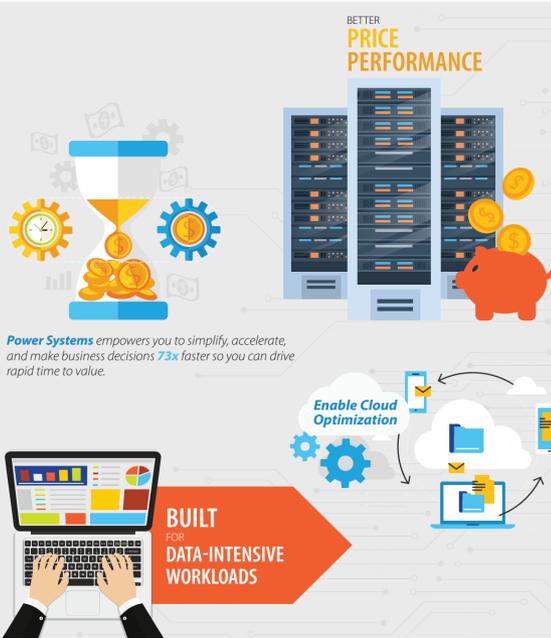
Power Systems are designed for big data—from operational to computational to business and cognitive Watson solutions. They are optimized for performance and can scale to support demanding and growing workloads, and gain the elasticity you need to handle the varying analytics initiatives your business requires.

Realize the True Potential of Enterprise Cloud.

Power Systems will help you deliver on the promise of cloud and take advantage of superior cloud economics. With higher utilization and performance capabilities and the ability to scale out and up, you can reap the benefits associated with fewer scale-out systems. Leveraging the robust security built into the foundation of Power Systems, you gain the confidence you need to move more workloads to the cloud and capitalize on greater efficiencies.

Revolutionize the Way IT is Created and Consumed.

POWER architecture is at the heart of the OpenPOWER Foundation, a community that's taking advantage of an open technology platform to help organizations create new opportunities and design next-generation applications to drive business success.



FROM MISSION-CRITICAL WORKLOADS TO THE NEXT GENERATION OF AI IBM POWER SYSTEMS BENEFITS

Enterprise Cloud-Ready

Power Systems easily integrate into your organization's private or hybrid cloud strategy to handle flexible consumption models and changing customer needs.

No. 1 in Reliability by ITIC

Ranked No. 1 in every major reliability category by ITIC, IBM Power Systems deliver the most reliable on-premises infrastructure to meet around-the-clock customer demands.

Industry-leading Value and Performance

With Power Systems, clients can take advantage of superior core performance and memory bandwidth to deliver both performance and price-performance advantages.

ACCELERATED SERVERS: BUILT-IN GPUS

Scale-out Servers: Future-forward flexible infrastructure

Enterprise Servers: Highly secure and automated

Hyperconverged infrastructure: simplicity meets performance

POWER SYSTEMS AND x86

THE POWER SYSTEMS ADVANTAGE

Learn about the differences in capabilities and performance in POWER Systems environments and x86 environments. We can extract quite a bit of information by reviewing the numbers, nuances and trade-offs. The following factors are the primary reasons why workloads run significantly faster on POWER-based systems than alternatives.

POWER vs x86: Reliability

Unlike x86 systems, IBM Power Systems servers are intended to support 24/7 mission-critical enterprise operations by default.

POWER systems offer a much higher memory capacity, and memory bandwidth than x86 systems.

POWER9 includes support for simultaneous multithreading with 8-12 cores per thread (SMT8). By comparison, x86 systems are only capable of performing SMT-2.

IBM POWER9 SCALE-OUT SERVERS DELIVER MORE MEMORY & BETTER PRICE PERFORMANCE

2.3x PERFORMANCE OVER THE COMPARABLE x86 SETUP

POWER vs x86: Cost

Power Systems offerings are usually price-competitive with x86 offerings, if not less expensive

IBM Power Systems & Cloud

Cloud is driving innovation. The right platform makes all the difference.

To keep ahead of the competition, you need a cloud architecture that seamlessly extends to integrate multi-cloud initiatives as business demands. Start with IBM servers as the secure foundation of your private or hybrid cloud.

IBM Power Systems' OpenStack-based PowerVC management with vRealize combines management and integration of Power-based VMs into a single orchestration platform for seamless operation.

IBM Cloud PowerVC Manager provides a self-service portal allowing users to quickly request cloud services.

As cited on an IBM white paper regarding IBM Power Systems and DevOps for the hybrid cloud, the use of IBM UrbanCode has demonstrated a 482% return on investment, 97% reduction in cost per application, and 75% faster app deployment times.

With IBM Power Systems' IBM Power Linux, Docker is now easily ported into the system to compose, build, ship, and redistribute applications. In fact, with the capabilities of IBM Power Systems and Docker, operators can now get 10,000 containers on a single system.

IBM Power Systems' disaster recovery as a service (DRaaS) provides continuous replication of a company's critical applications, data, infrastructure, and systems

WHY LRS? WE DELIVER RESULTS +

LET LRS ENABLE YOUR BUSINESS AND IT OUTCOMES

We focus on providing value around infrastructure and data center solutions to meet the business needs of our customers. Since 1995, we have been dedicated to creating Information Technology solutions that incorporate the best IT products along with valuable services delivered by our outstanding staff of IT professionals. Let us analyze your needs and deliver the right solution for you.

