IBM Power10 SCALE-OUT SERVERS

FLEXIBLE AND SECURE HYBRID CLOUD INFRASTRUCTURE

Following the earlier release of the enterprise E1080, IBM has now announced several scale-out servers based on the new Power10 processor. The entry and midrange models offer more options for organisations to create business agility with a flexible and secure hybrid cloud infrastructure - and supports the modernisation of applications with Red Hat OpenShift and automation of IT operations to improve productivity.

Modernising Applications

Power10 systems are designed to support hybrid cloud adoption and supports three operating environments – IBM i, AIX and Linux — with the same security, availability, and scalability features. This is an opportunity for businesses to move their transactional and analytical workloads to a fully open source platform with Linux on Power10 providing a highly effective platform for running containerised workloads like cloud-native microservices with Red Hat OpenShift.

Up to 50% Higher Per-Core Performance

Power10 delivers significantly more performance per core, bringing benefits - from lower licensing costs and energy demands, to improved TCO and faster AI inferencing on the chip without additional hardware.

The same work with less infrastructure – or higher performance in the same footprint.

Power10 Processor Technology

- Higher density, performance, and efficiency
- Open Memory Interface for higher memory throughput
- Differential DIMMs for improved resilience and encryption
- Built-in purpose-built matrix math accelerator (MMA)
- PowerVM built into every server – no additional overheads

Platinum Business Partner

Beacon Award Winner 2021

GROW SAVE INNOVATE PROTECT

IBM Power10 Scale-out Servers

The expansion of the IBM Power10 family establishes one of the industry's most flexible range of servers for complex workloads - on-premises or in hybrid clouds.

S1014
- 1-socket, 4U
- Up to 57% more performance per core compared to IBM Power S914
- Up to 20% more memory bandwidth compared to IBM Power S914
- Lower software licencing costs by consolidating workloads on fewer cores

S1022
- 2-socket, 2U
- Up to 37% more performance per core compared to IBM Power S922
- Up to 2.4X more memory bandwidth compared to IBM Power S922
- Get faster provisioning and affordable scaling for SAP HANA workloads.

S1024
- 2-socket, 4U
- Up to 33% more performance per core compared to IBM Power S924
- Up to 2.4X more memory bandwidth compared to IBM Power S924
- Build a data fabric connecting siloed data with IBM Cloud Pak for Data

Enterprise Power10 scalability is available with the 4-socket E1050 and the 8-socket E1080, with 33% lower energy consumption than IBM Power E980.

CSI Managed Services for IBM Power

Running complex workloads at peak performance 24 hours a day is an important but time-consuming activity. With challenging budgets and scarce resources, organisations are often forced to divert skilled IT staff from strategic projects to handle routine tasks.

CSI Managed Services for IBM Power can take over the burden of mundane operations, allowing you to focus on business transformation with the confidence that your IBM Power 10 platforms are in safe hands.

As an IBM Platinum Business Partner, our highly accredited experts support IBM Power platforms regardless of location - either on-premises, hosted in a third-party data centre, in our own CSI PowerCloud or as Power Virtual Servers in the IBM Cloud.

CSI Managed Services for IBM Power are designed to optimise the availability and performance of critical workloads. We achieve this by:

- Monitoring all components that can impact system stability
- Reacting quickly to alerts through a 24/7 service desk and proven service management processes
- Confirming that operating system and firmware are maintained at correct versions
- Ensuring that backups complete successfully - or escalating failures
- Providing a disaster recovery or high availability environment

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