

5 Fast Facts You
Need to Know about
POWER9

POWER9

FACT #1: The Chip

**POWER9 has 8.0
billion transistors.**

**POWER8 had 4.2
billion transistors and
POWER7+ had only
2.1 billion.**

POWER9 is the first to
have a chip with PCIe4.
It's throughput speed is
2X and it holds up to
16 GB/s.

POWER9

FACT #2: The Performance

Compared to POWER8,
POWER9 is **1.5X** better
in performance and rated
2X the performance of
POWER7+.

POWER9

FACT #3: The Storage

The server comes with four different storage backplanes.

- Single (FC EJ1C)
- Split Disk (FC EJ1E)
- 18 Disk Bay (FC EJ1D)
- 12SSFWITHRDX (FC EJ14)

These are available with NVMe, the most efficient way to increase performance.

POWER9

FACT #4: The Name

**POWER9 is also known
as S924.**

S

9

2

4

Server
Type

Power
Version

Number of
Sockets

Height in
Rack Units

POWER9

**FACT #5: Improvements
Over POWER8**

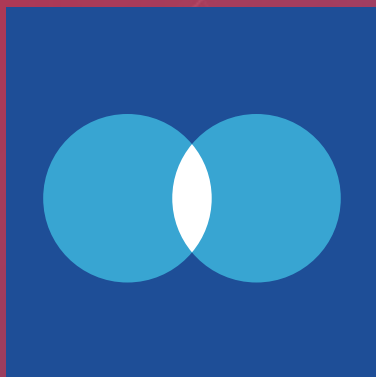
Compared to POWER8,
POWER9 is 57%
lower in costs. It has
2X more memory,
1.8X more memory
bandwidth per socket,
and **1.5X** performance
improvement.

POWER9

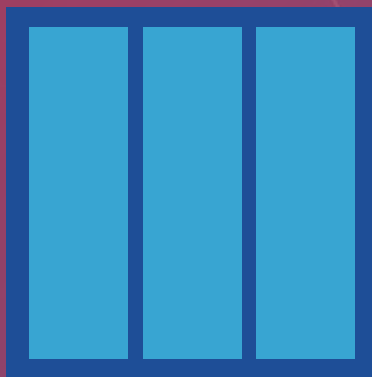
Migration is a Breeze

Moving to POWER9 from a POWER7 or POWER8-based server is simple. Depending on the infrastructure and tools you have, it can depict your options for migration.

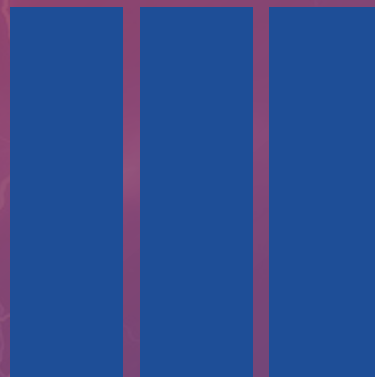
3 Ways to Migrate



Tape-Based



Logical
Replication



External San

Contact Us

iTech Solutions can make your migration as seamless as possible. Contact us to begin your move to POWER9 or if you have questions.

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