

# IBM Power for Healthcare

IBM Power provides ISV-certified hardware for industry-standard healthcare solutions and applications

IBM Power Solution Editions for Healthcare help organizations manage and protect digital health data, facilitate data-driven decisions, reduce risk, cut costs, and increase efficiency. Transform operations with solutions that combine Power technologies with industry-standard healthcare solutions and applications. Power provides a robust and versatile infrastructure that empowers healthcare organizations to improve patient outcomes, enhance operational efficiency, and meet regulatory requirements effectively.

## Security and Compliance

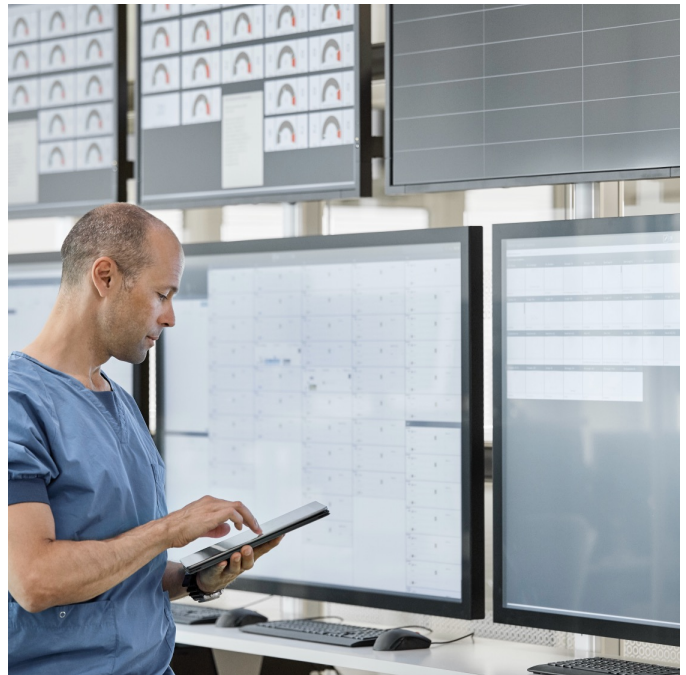
Healthcare organizations handle sensitive patient data that must be protected in compliance with regulations like HIPAA. IBM® Power® provides advanced security features including encryption, access controls, and secure boot, helping healthcare organizations maintain data privacy and compliance with regulatory requirements.

## Industry-Leading Reliability

Healthcare operations rely on mission-critical applications such as electronic health records, picture archiving and communication systems, and healthcare information systems. IBM Power offers a highly reliable infrastructure with features such as predictive failure analysis, dynamic resource allocation, and redundancy to ensure continuous availability of these critical applications and systems.

## High Performance for Research and Analytics

Healthcare organizations often deal with vast amounts of data, including patient records, medical imaging, genomic data, and research results. IBM Power offers high-performance computing capabilities that enable faster analysis of this data for research, drug discovery, genomic sequencing, and personalized medicine.



## Scalability and Flexibility

Healthcare organizations often experience fluctuating workloads due to seasonal variations, patient demand, or specific healthcare initiatives. IBM Power provides scalability to accommodate changing workloads, allowing healthcare organizations to scale resources up or down as needed. The flexibility of the Power platform supports various operating systems and virtualization technologies, enabling healthcare organizations to run diverse workloads efficiently.

## AI and Machine Learning

IBM Power is well suited for AI and machine learning workloads leveraging on-chip acceleration, which are increasingly important in healthcare for tasks such as medical imaging analysis, predictive analytics for patient outcomes, disease diagnosis, and treatment optimization.

## Integration with Healthcare Solutions

IBM Power integrates with a wide range of healthcare solutions, including electronic medical record systems, medical imaging platforms, healthcare analytics software, and telemedicine applications. This integration enables seamless data exchange, interoperability, and collaboration among different healthcare systems and stakeholders.

To learn more about IBM Power for healthcare, please contact your IBM representative or IBM Business Partner, or visit <https://www.ibm.com/products/power-solution-editions-for-healthcare>

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