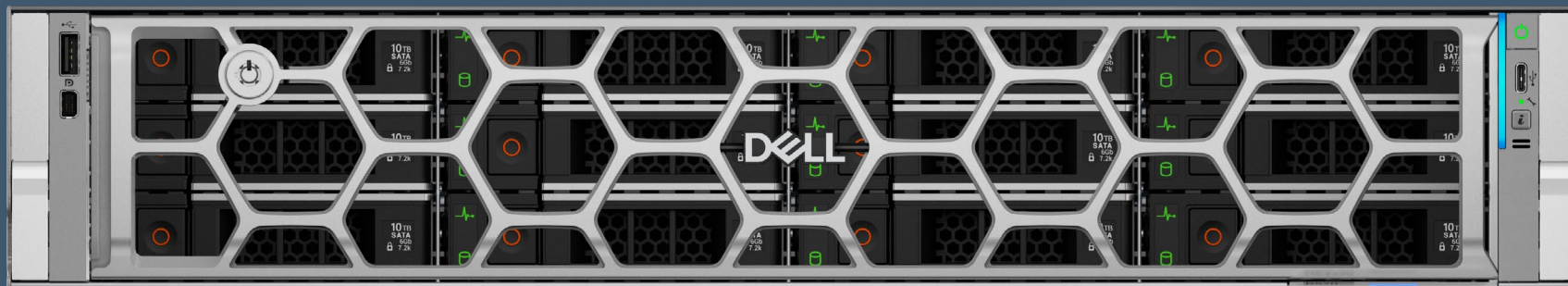


Power your business: Dell PowerEdge servers with Intel® Xeon® 6 processors

Purpose Built | Intelligent | Cyber Resilient



Purpose Built

Dell PowerEdge servers with Intel® Xeon® 6 processors are purpose built to empower organizations with reliability and precision. Designed with scalability as a core feature, these servers grow alongside businesses, ensuring they can adapt to increasing demands without disruption.



Flexibility

PowerEdge servers provide the flexibility to scale efficiently, helping companies confidently meet performance demands, no matter how their needs evolve.



Optimizing operations

They excel in optimizing operations for diverse industries, such as high-performance imaging systems crucial for patient care, or enabling predictive maintenance at smart factories.



Manage workloads

PowerEdge servers are also designed to manage complex, resource intensive workloads with ease, such as a retail business implementing real-time inventory management or a financial institution running advanced data modeling.

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By offering a broad range of configurations and leveraging the advanced capabilities of Intel® Xeon® 6 processors, PowerEdge meets the unique challenges of a variety of industries, enabling businesses to thrive with solutions that are as purpose-driven as their goals.

Intelligent

Dell PowerEdge servers with Intel® Xeon® 6 processors embody intelligence through the seamless integration of AI-driven insights and automation, empowering organizations to achieve operational excellence.

By integrating intelligence at every level, PowerEdge servers empower organizations to work smarter, adapt faster, and drive meaningful progress.

Workload balance

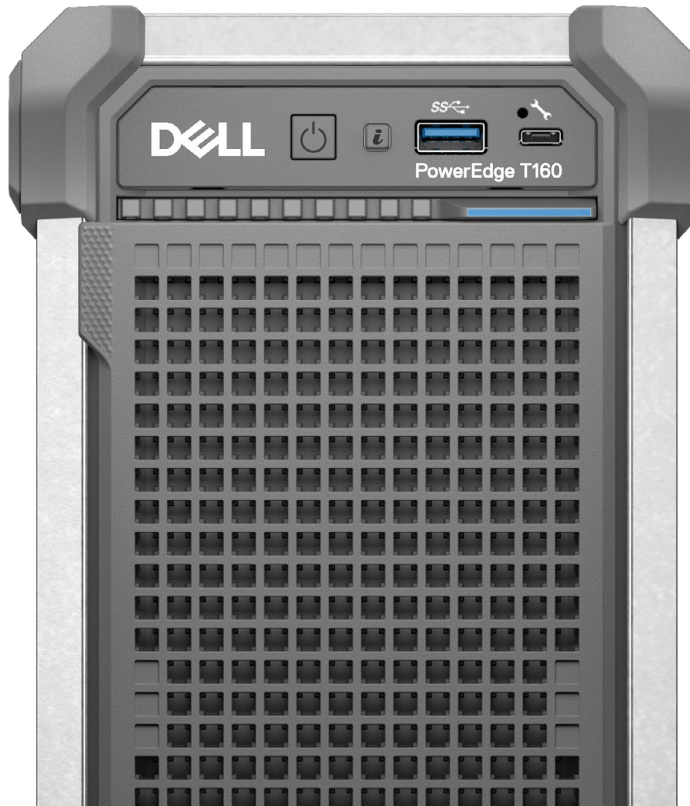
AI-enabled workload balancing ensures optimal performance during peak hours, allowing operations to run smoothly by freeing up valuable resources, empowering businesses to focus on their strategic goals.

Monitoring performance

Using machine learning algorithms, these servers can monitor system performance and spot anomalies before they escalate into disruptions, lowering maintenance costs and increasing productivity.

Making informed decisions

Through advanced analytics and reporting capabilities, businesses can uncover trends, identify opportunities, and make informed, data-driven decisions.



By combining Dell's security innovations with the performance and reliability of Intel® Xeon® 6 processors, organizations can operate with confidence in today's connected world.

Cyber Resilient

Designed with a comprehensive, multi-layered security architecture, PowerEdge servers protect your business at every stage of the server lifecycle—from design and deployment to operation and retirement.

A silicon-based immutable Root of Trust ensures only authorized firmware and software are executed during startup, providing a critical **first line of defense** against tampering and reinforces operational integrity.

Real-time threat detection, system recovery capabilities, and advanced encryption to shield sensitive data, allow companies to **defend against evolving threats** while maintaining trust and compliance.

With Intel® Xeon® 6 processors and Intel® Trust Domain Extensions (TDX), sensitive information remains encrypted and shielded from unauthorized access, enabling companies to **safeguard customer data** during transactions.

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Accelerate AI
with Intel®

