

# Dell PowerEdge Servers with AMD: Unlock Mid-Market Business Success On-Premises

Techaisle's detailed surveys and in-depth interviews with mid-market firms reveal a critical IT crossroads: growing complexity, rising cloud costs, and intense performance demands. While "cloud-first" is a common sentiment, this infographic highlights how **Dell PowerEdge servers with AMD EPYC processors** offer a powerful on-premises solution. They provide crucial control, predictable performance, and transparent cost structures, enabling mid-market businesses to thrive and achieve their strategic imperatives.

## The IT Crossroads: Complexity, Soaring Cloud Costs, & Performance Demands



**Problem:** **78% of Mid-sized firms find that technology has become complex.** Mid-sized enterprises are at a critical juncture, facing growing IT complexity, rising cloud costs, and the demand for consistent performance across diverse workloads.

## "Cloud-First"

The Reality is More Nuanced. **72% of midmarket firms are prioritizing cloud cost optimization.** While "cloud-first" is prevalent, modern on-premises infrastructure offers unique advantages, especially as firms encounter cloud sprawl and unpredictable spending.

## Why On-Premises with Dell PowerEdge & AMD? Regain Control. Predictable Performance. Transparent Costs

Achieve Strategic Imperatives: Dell PowerEdge servers with AMD EPYC processors are purpose-built to deliver:



**Control, Predictability, & Cost-Efficiency:** Offers crucial control, predictable performance, and transparent cost structures.



**Predictable Performance:** Ensures optimal operation for critical applications, including ERP, CRM, AI, and high-performance databases.



**Complete Data Sovereignty:** Keeps sensitive information secure and under your control, meeting stringent compliance and regulatory requirements.



**Cost Transparency:** Eliminates unexpected billing surprises, turning variable cloud OpEx into predictable CapEx.



**Enhanced Performance & Efficiency:** AMD EPYC processors can deliver 66% performance boost for database queries, leading to faster business insights and improved application responsiveness.

## Modernize & Maximize: Strategic Infrastructure for Evolving Business Needs

### Future-Proof Your Business (Infrastructure Modernization):

Dell PowerEdge servers with AMD EPYC processors support evolving workloads like virtualization, AI/ML, and edge computing, providing a scalable, secure, and high-performance foundation for future growth.

### Comprehensive Support:

Access to Dell's global services and an extensive partner network ensures expert guidance, deployment, and ongoing support, allowing you to focus on your core business.

## Key Benefits & Impact for Your Business

### Security First, Always:

76%

76% of mid-market firms prioritize data security. Dell PowerEdge servers with AMD processors offer robust security features and control over sensitive data, with integrated hardware-level security.

72%

### Real Savings, Real Fast (TCO):

72% of mid-market firms believe on-premises provides a lower, more predictable TCO. PowerEdge servers with preinstalled Windows Server 2022 simplify deployment, deliver a 70-80% reduction in power consumption, saving \$6,000-\$7,000 per rack monthly.

### Lagging? Not Anymore (Predictable Performance & Low Latency):

64%

64% of mid-market firms prioritize performance and low latency. Essential for real-time processing and critical applications. Features like Dell Processor Acceleration Technology (DPAT) and specialized BIOS tuning ensure stable, low-latency operation.

52%

### Customization and Specific Workload Optimization:

52% of mid-market firms prefer on-premises solutions for their flexibility over standardized cloud instances. Dell PowerEdge servers meet this need with extensive configurability, supporting custom processor, memory, and storage setups.

Ready to empower your business with a future-ready infrastructure? Don't just adapt, thrive!

Download the full white paper to dive deeper into how Dell PowerEdge Servers with AMD EPYC processors can deliver tangible impact and a competitive edge for your mid-sized enterprise.