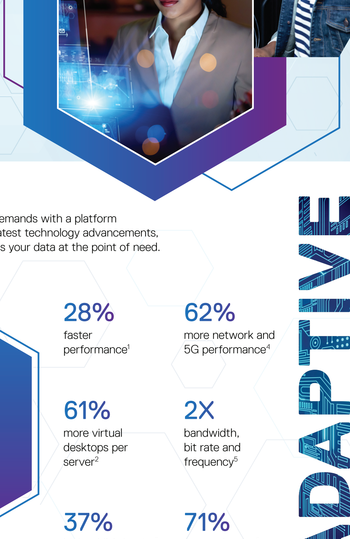
DELL Technologies

Power Endless Innovation

Be ready for anything with lab-tested, benchmarked, and third-party-proven IT solutions from Dell Technologies.

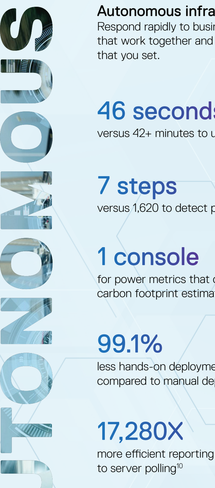
Success in the data-driven era requires a technology foundation that works together seamlessly to power your business today — and help you shift gears quickly to take advantage of new opportunities as they come along.



ADAPTIVE

Adaptive compute

Address evolving compute demands with a platform engineered to optimize the latest technology advancements, while easily scaling to address your data at the point of need.



28% faster performance[1]

62% more network and 5G performance[4]

61% more virtual desktops per server[2]

2X bandwidth, bit rate and frequency[5]

37% higher VM density[3]

71% cost reduction[6]

AUTONOMOUS

Autonomous infrastructure

Respond rapidly to business opportunities with intelligent solutions that work together and independently, delivering to the parameters that you set.

46 seconds
versus 42+ minutes to update multiple servers[7]

7 steps
versus 1,620 to detect power zombies[8]

1 console
for power metrics that can provide carbon footprint estimates[9]

99.1%
less hands-on deployment time compared to manual deployment[9]

17,280X
more efficient reporting compared to server polling[10]

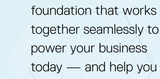
0.056KBps
for AIOps = negligible impact on network bandwidth[11]

PROACTIVE

Proactive resilience

Build resilience into your digital transformation with an infrastructure designed for secure interactions and the capability to protect potential threats.

First server vendor
with a cross-portfolio solution for cryptographically verified hardware and hardware integrity[12]



Zero trust
to meet the challenge of ever-changing threats[13]

Layered
and pervasive to protect against today's sophisticated threats[14]

Eliminates
a major security void[15]

Built-in
cybersecurity and a protected supply chain[13]

First server vendor
to enable eliminating dependence on third-party certificates[16]

Build your continuous innovation engine with Dell Technologies.

Dell Technologies can help you drive innovation into new frontiers with technologies and solutions that deliver critical capabilities across your environment.

Learn more: **Read our eBook**

[1] PowerEdge T350 and R250 servers using Intel® Xeon® E-2300 processors, compared to the Intel Xeon E-2200 processor family.

[2] Average processed frames per second of 5.945081 (real time) using GPU accelerators. Source: Dell Technologies reference architecture technical paper, Edge Computing for Retail, September 2020.

[3] Leveraging 2x Milan CPUs and 4x NVIDIA A100 SXM4 GPUs, all conducted with standard air cooling. Source: Dell Technologies white paper, XE8545 Poars Fastest Per-Accelerator ML/Net Inference Speeds, June 2021.

[4] Compared to air cooling. Source: Dell Technologies Direct from Development, Dell Technologies Direct Liquid Cooling Support for New PowerEdge Servers, 2021.

[5] Dell Technologies Direct from Development, Analyzing How Gen5 NVMe® Drive Performance Scales on the PowerEdge R750, 2020.

[6] Achieved by mixing DRAM and PMEM quantities to optimize the $/GB for server needs. Source: Dell Technologies Direct from Development, Persistent Memory for PowerEdge Servers, 2021.

[7] Amount of admin time required to update firmware in multiple servers compared to manual effort. Source: A Principled Technologies report, Automate high-touch server lifecycle management tasks with OpenManage Enterprise integrations and plugins, March 2021.

[8] Estimated time and effort required to find power zombies over 180 days using OpenManage Enterprise Power Manager compared to using a manual iDRAC search.

[9] When you order new PowerEdge servers with zero-touch provisioning enabled, hands-on deployment time drops to nothing. Source: A Principled Technologies report, Reduce hands-on deployment times to near zero with iDRAC9 automation, February 2020.

[10] With telemetry streaming, a 24-hour report can be collected via a single HTTP request compared with a per-report best case of 17,280 HTTP requests to collect a single report daily. Source: Tolly test report commissioned by Dell Technologies, iDRAC9 Telemetry Streaming, February 2020.

[11] Average transferred over the network (with two hosts) over a one-hour test period. Source: A Principled Technologies report, Dell CloudIQ provides a single console for proactive monitoring and fast mediation impact on network bandwidth in our tests, April 2022.

[12] Dell Technologies press release, Dell Technologies Powers AI and Edge Computing with Next Generation PowerEdge Servers, March 2021.

[13] Dell Technologies infographic, Zero Trust, Verified Trust, January 2021.

[14] Dell Technologies infographic, Dell PowerEdge Cyber Resilient Architecture 2.0, May 2021.

[15] Dell Technologies Direct from Development, Dell PowerEdge UEFI Boot: Enhanced Security to Combat Persistent Firmware Threats, 2021.

[16] Dell Technologies Direct from Development, Dell PowerEdge UEFI Secure Boot Customization: Reduce Attack Surface with Complete Control of Certificates, 2020