Dell Technologies
AMD

Dell PowerEdge + AMD = Energy Efficiency

Dell Technologies is committed to building sustainable technology solutions. So is AMD. It's no surprise, then, that our latest PowerEdge servers featuring AMD's fourth-generation EPYC processors are our most energy-efficient, sustainable servers to date, with more ways to reduce energy consumption, improve cooling, and manage energy costs.

29%
Less energy consumed

AMD fourth-generation EPYC processors consume 29% less energy than comparable processors.[1]

35%
Fewer servers

Data centers can consolidate the number of servers by 35% when switching to Dell PowerEdge servers featuring AMD fourth-generation EPYC processors.[2]
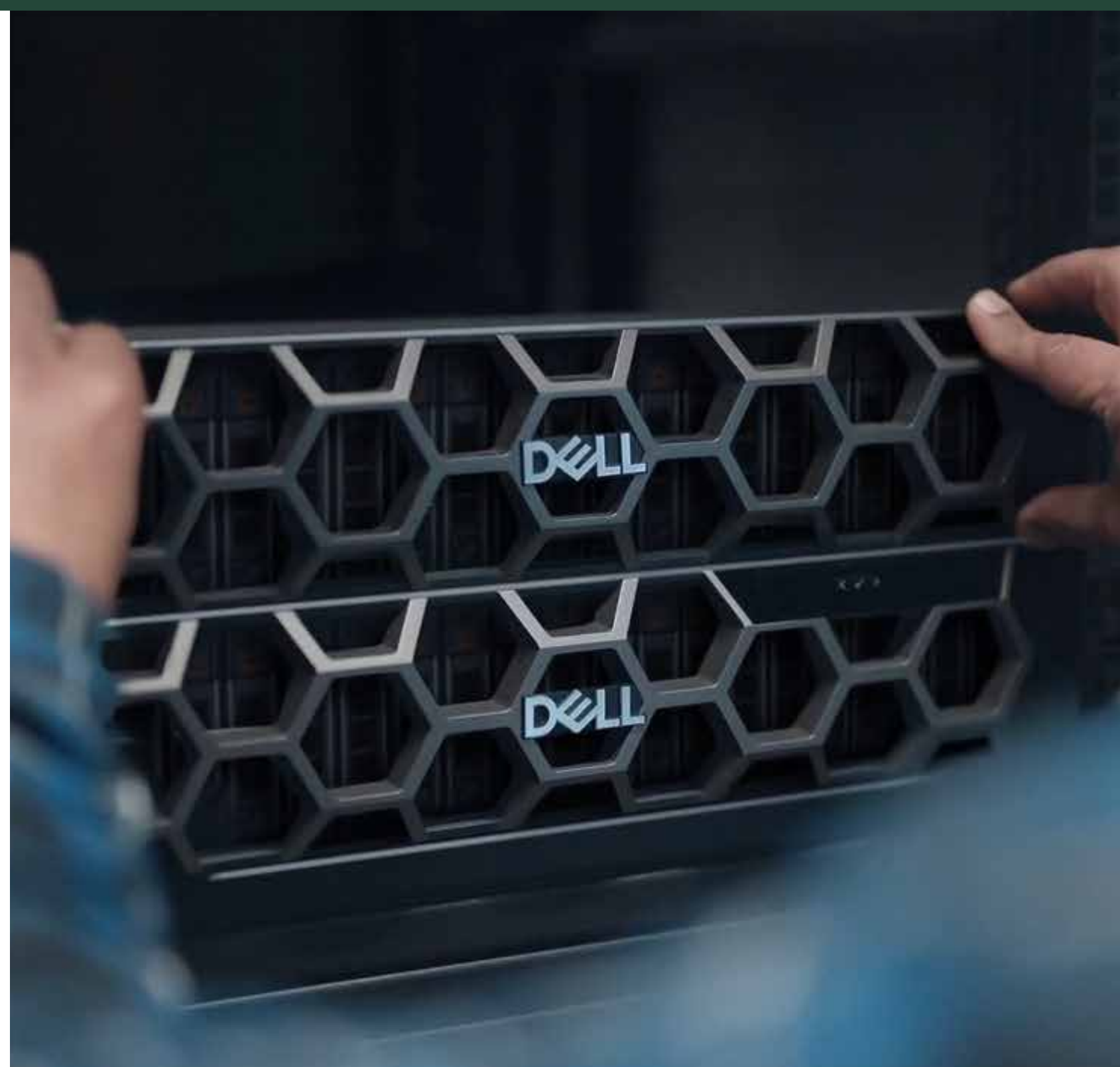
2.5 billion
Pounds of equipment

Since 2007, Dell has recycled more than 2.5 billion pounds of equipment through its takeback program.[3]

Energy accuracy to 1%

Dell OpenManage Power Manage detects a server's energy usage with up to 1% accuracy—5x more accurate than the competition.[4]

First silver-rated server from EPEAT

Dell PowerEdge servers are the first in the industry to be recognized by the Electronic Product Environment Assessment Tool (EPEAT) as earning a silver rating for sustainability and energy efficiency.[5]

57 Energy Star certifications

Dell PowerEdge leads all servers with 57 enterprise server certifications from Energy Star.[6]

Dell Technologies

Dell PowerEdge servers with AMD 4th gen EPYC processors are better for high-performance applications and better for the environment, too. To learn about PowerEdge servers powered by AMD...

Visit Us Online

Sources
1. AMD (https://www.amd.com/en/corporate/corporate-responsibility/data-center-sustainability.html#:~:text=The%20AMD%20solution%20takes%20an,forest%20in%20the%20United%20States.)
2. Ibid.
3. Villanueva, Cris, "Rethinking Recycling," Dell.com, March 18, 2022 (https://www.dell.com/en-us/blog/rethinking-recycling/#:~:text=Since%202007%2C%20Dell%20has%20recovered,every%20one%20sold%20by%202030.)
4. Ibid.
5. Ibid.
6. TechTarget (https://www.techtarget.com/searchdatacenter/ServerBuyingConsiderations/Why-sustainability-why-now-why-Dell)