

Strong foundation, small footprint



As compute-intensive AI workloads place greater burden upon legacy data center hardware. Government agencies, like the DOD, FAA, DHS, and others, often specify NEBS Level 3 for mission-critical networking gear and need servers that are more energy efficient, as well as cost and space effective, than ever before — all while providing the performance and availability required for dense telecom cloud core solutions.

NEBS Level 3 certification

NEBS (Network Equipment-Building Practice) Level 3 offers the maximum assurance of telecom product operability in tough physical conditions. It guarantees:



**Non-throttled
performance between
-5°C and +55°C**



**The ability to survive
catastrophic seismic
events while continuing to
provide critical cloud core
services**



**Resistance to conditions
ranging from fire to
humidity**

PowerEdge R7615: the resilient core of your modern data center

Built to excel in the most demanding conditions, the new Dell PowerEdge R7615 combines NEBS 3 certification with a choice of AMD EPYC™ processors for data center workloads like large language model inferencing.

When run on a 128c EPYC 9754 processor, the R7615 provides the same core/thread compute density as two NEBS-certified servers of the next closest dual socket solution. This makes the R7615 the densest, most power-efficient telecom cloud core server available today, helping to reduce costs for Federal Government agencies as less servers are required.

AMD EPYC™ processors deliver industry-leading performance and efficiency, while supporting intensive workloads such as AI and high-performance computing.



The R7615 is the perfect choice for space-limited environments, while also offering a reduced energy footprint compared to previous AMD processor generations by using up to:



78%
less space*



74%
less power*

* with 2P AMD EPYC™ 9754 (128C) compared to 2P Competitive Top-of-Stack (5 years old x86, 28C)

Gain greater compute capacity from your data center rack

Discover how the Dell PowerEdge R7615 with AMD EPYC strikes the perfect balance between power optimization and sustainability, providing Federal Government agencies with a resilient foundation for innovation.