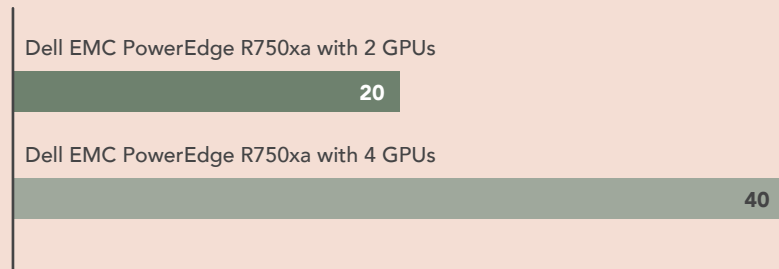


# Scale your VDI users performing compute-heavy machine learning tasks with the Dell EMC PowerEdge R750xa

## Featuring 3rd Generation Intel Xeon Scalable processors and up to four NVIDIA A100 40GB PCIe GPUs

### Maximum concurrent DSKW VDI sessions

VDI users | Higher is better

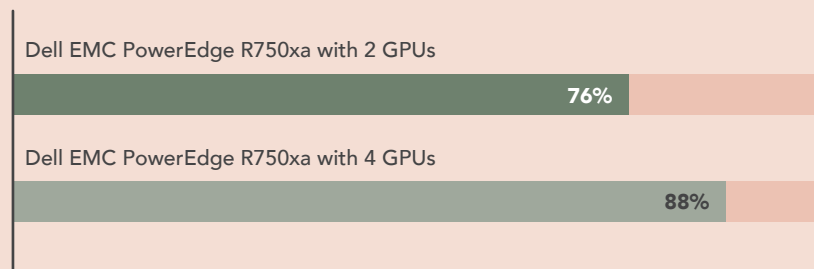


### Support remote data science knowledge workers with heavy compute needs

In each test, the Dell EMC™ PowerEdge™ R750xa server supported the maximum number of simulated VDI users per GPU (10). Each user ran a compute-intensive machine learning workload through a virtual desktop.

### VMware ESXi™ CPU usage

Percentage | Lower is better

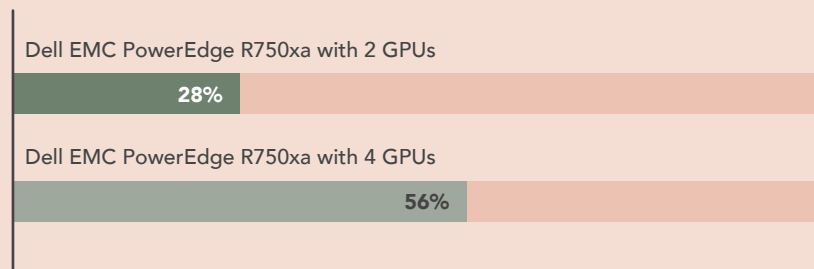


### Customize GPU count to balance resources

Companies supporting workers with a variety of needs could reserve some CPU power for non-data science workers by choosing servers with two GPUs instead of four.

### VMware ESXi memory usage

Percentage | Lower is better



### Get powerful GPU compute while saving memory resources

The two-GPU configuration of the PowerEdge R750xa saved significant memory usage. Companies who don't need four GPUs for every server they purchase may find a two-GPU solution yields more memory to their workforce at large.

## The Dell EMC PowerEdge R750xa with the NVIDIA A100 Tensor Core GPU

The PowerEdge R750xa is the Dell EMC flagship server for GPU-based workloads. Powered by 3rd Generation Intel® Xeon® Scalable processors, the server supports up to four of the newest NVIDIA® GPUs (such as A100, A40, A30, and A10) as well as Gen 3 GPUs (such as M10 and T4).<sup>1</sup>



Learn more at <http://facts.pt/y8wl0M3>



<sup>1</sup> "Configuration details," accessed August 11, 2021, <https://infohub.delltechnologies.com/mlperf-tm-inference-v1-0-nvidia-gpu-based-benchmarks-on-dell-emc-poweredge-r750xa-servers/configuration-details-44>.