



Lenovo TruScale for HPC

Building the right solution for your organization

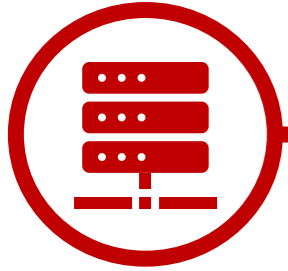


Powered by



Lenovo

TruScale for HPC



Provides users with cutting edge HPC technology deployed on-premise and managed by Lenovo Systems Admins and Customer Success Managers



Helps businesses with fluctuations in their workloads avoid long procurement cycles to purchase costly new equipment



Can be rightsized to fit the needs of your organization with a variety of hardware combinations served in an op-ex model

Smarter technology for all



Build the Right Solution to fit your Organization

Examples of potential configurations



Powered by



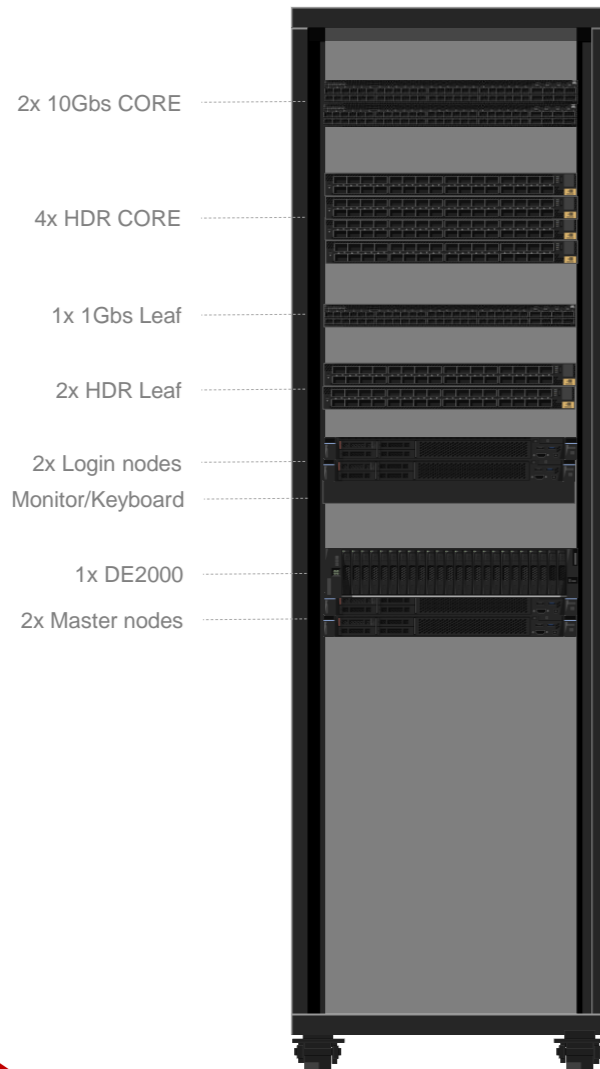
Lenovo

Potential TruScale Configurations

Dense Watercooled- AMD 2304 cores

DSS-G210
255TB

Infrastructure



Lenovo Neptune™



1x 42U rack

3x D612S 6U12N
chassis

36x Compute nodes

SD650 v2 1/2 U

- 2x Intel Xeon Platinum 8358 32C 250W @2.6GHz
- 256GB memory @3200MHz
- 1x 7mm 240GB SATA SSD for the OS
- 1x 1Gbs port
- 1x HDR100 port (shared I/O)

2x 1Gbs Nvidia
AS4610-54T switch

2x Infiniband Nvidia
QM8790 switch

HDR100 100% non-blocking
18 down / 20 up

2x SR650 v2 storage
servers

1x D3284 expansion
• 4TB NL-SAS drives

Potential TruScale Configurations

Dense Air Cooled - AMD

2304 cores

DSS-G220

1PB

Infrastructure

2x 10Gbs CORE

4x HDR CORE

1x 1Gbs Leaf

2x HDR Leaf

2x Login nodes

Monitor/Keyboard

1x DE2000

2x Master nodes

Lenovo Neptune™

1x 42U rack

9x DA240 2U4N
chassis

36x Compute nodes

SD630 v2 1/2 U

- 2x Intel Xeon Platinum 8358 32C 250W @2.6GHz
- 256GB memory @3200MHz
- 1x 7mm 240GB SATA SSD for the OS
- 1x 1Gbs port
- 1x HDR100 port (shared I/O)

1x 1Gbs Nvidia
AS4610-54T switch

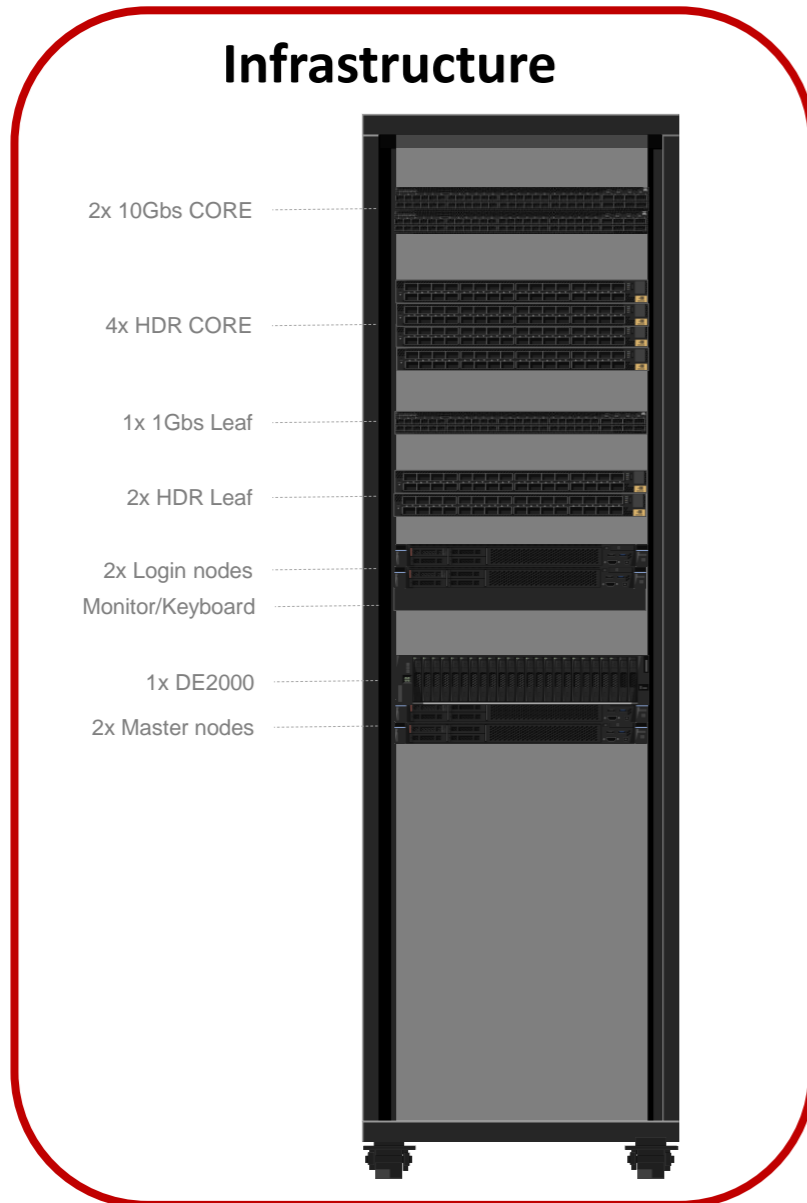
1x Infiniband Nvidia
QM8790 switch

HDR100 100% non-blocking
18 down / 20 up

2x SR650 v2 storage
servers

2x D3284 expansion
• 8TB NL-SAS drives

Potential TruScale Configurations



Dense Watercooled AMD

4608 cores

DSS-G220

4PB

Lenovo Neptune™



1x 42U rack

3x D612S 6U12N
chassis

36x Compute nodes

SD665 v2 1/2 U

- 2x Intel Xeon Platinum 8358 32C 250W @2.6GHz
- 256GB memory @3200MHz
- 1x 7mm 240GB SATA SSD for the OS
- 1x 1Gbs port
- 1x HDR100 port (shared I/O)

1x 1Gbs Nvidia
AS4610-54T switch

2x Infiniband Nvidia
QM8790 switch

HDR100 100% non-blocking
18 down / 20 up

2x SR650 v2 storage
servers

4x D3284 expansion
• 8TB NL-SAS drives

think

Smarter
technology
for all

Lenovo