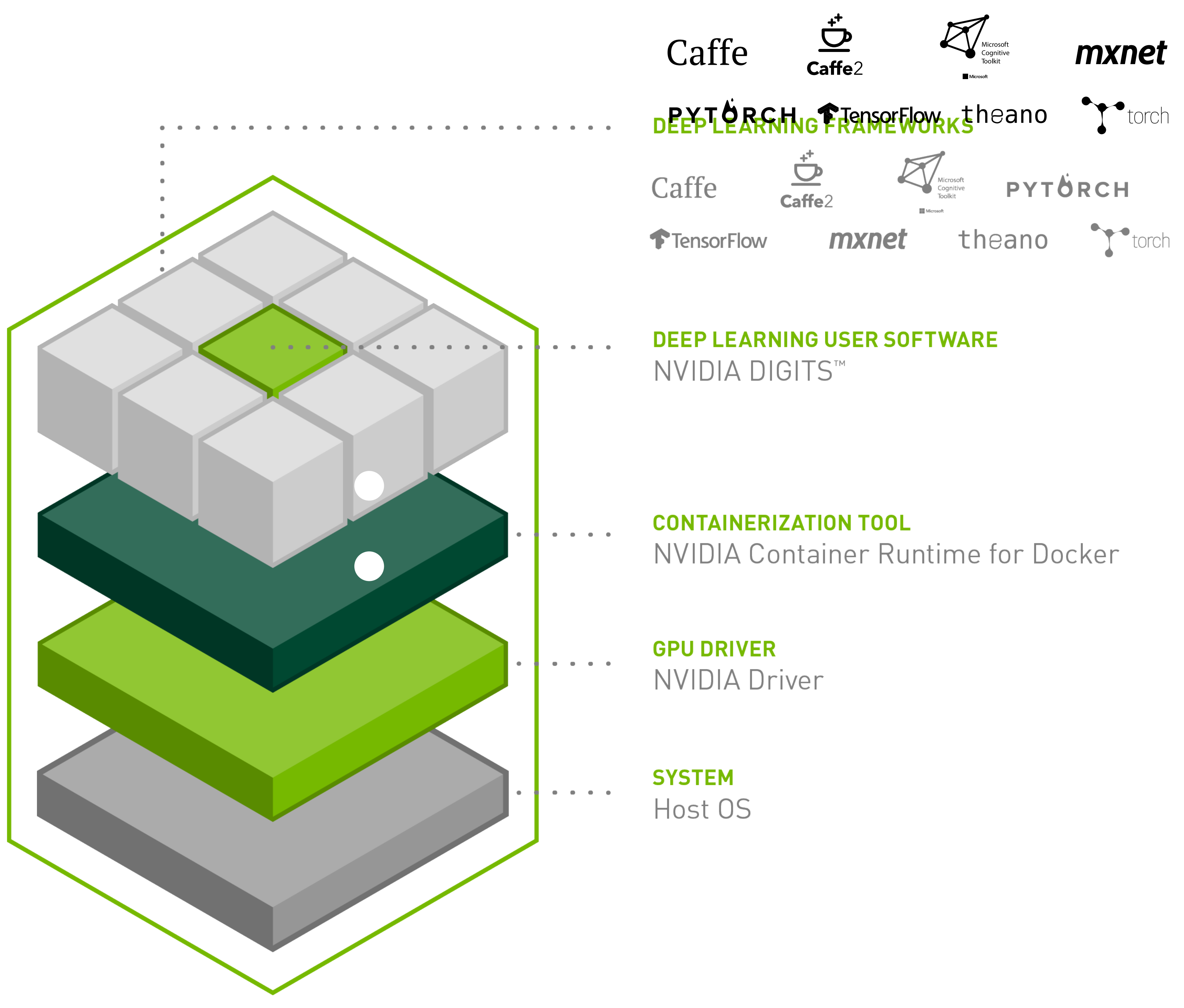
NVIDIA® DGX STATION™

YOUR PERSONAL AI SUPERCOMPUTER

GROUNDBREAKING AI AT YOUR DESK

THE PERSONAL SUPERCOMPUTER FOR LEADING AI DEVELOPMENT



DEEP LEARNING FRAMEWORKS

DEEP LEARNING USER SOFTWARE
NVIDIA DIGITS™

CONTAINERIZATION TOOL
NVIDIA Container Runtime for Docker

GPU DRIVER
NVIDIA Driver

SYSTEM
Host OS

SOFTWARE

HARDWARE

1. GPUs
4X NVIDIA Tesla® V100 32 GB/GPU
500 TFLOPS (Mixed Precision)
20,480 Total NVIDIA CUDA® Cores
2,560 Tensor Cores

2. SYSTEM MEMORY
256 GB RDIMM DDR4

3. GPU INTERCONNECT
NVIDIA NVLink™,
Fully Connected 4-Way

4. STORAGE
Data: 3 x 1.92 TB SSD RAID 0
OS: 1 x 1.92 TB SSD

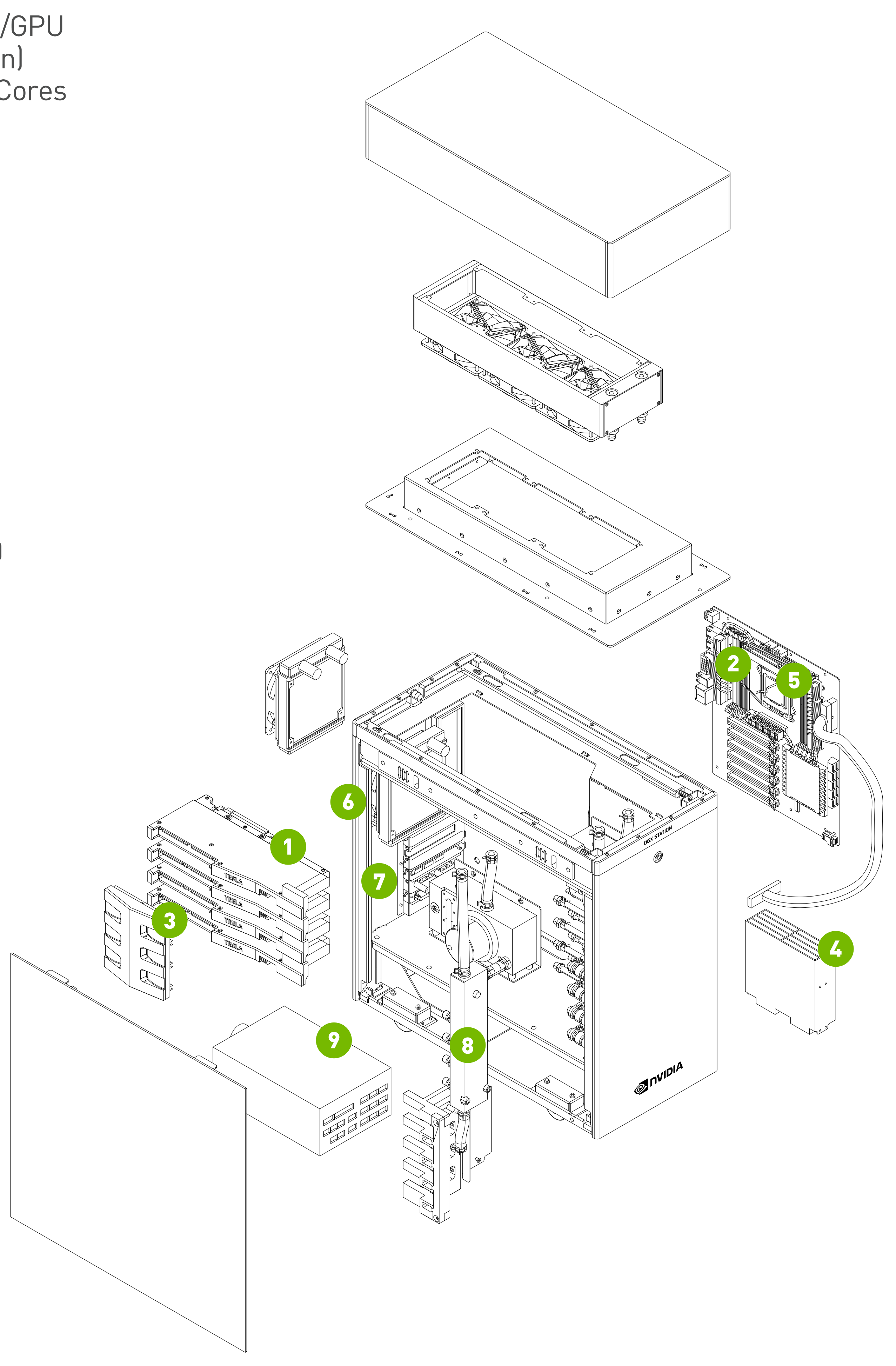
5. CPU
Intel Xeon E5-2698 v4
2.2 GHz 20-Core

6. NETWORKING
2X 10 GbE

7. DISPLAYS
3X DisplayPort,
4K Resolution

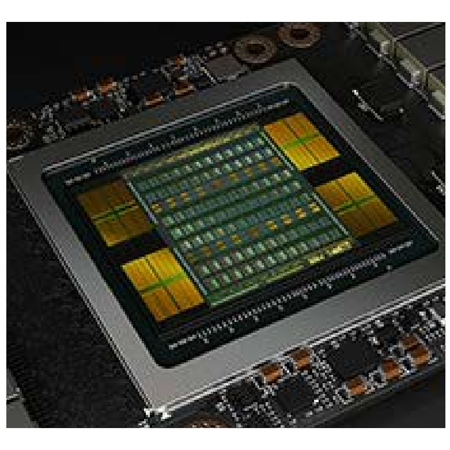
8. COOLING
Water-Cooled

9. POWER
1500 W



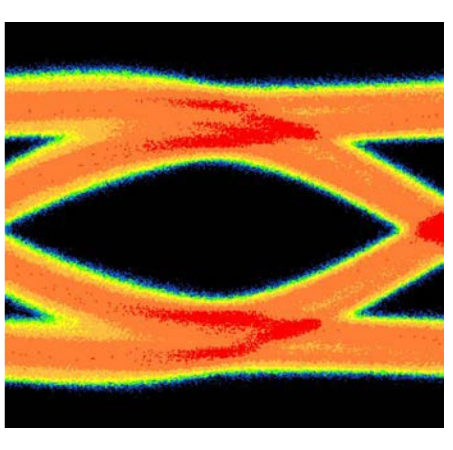
POWERED BY 4 NVIDIA TESLA V100 GPUs

BUILT ON THE LATEST NVIDIA VOLTA™ GPU ARCHITECTURE

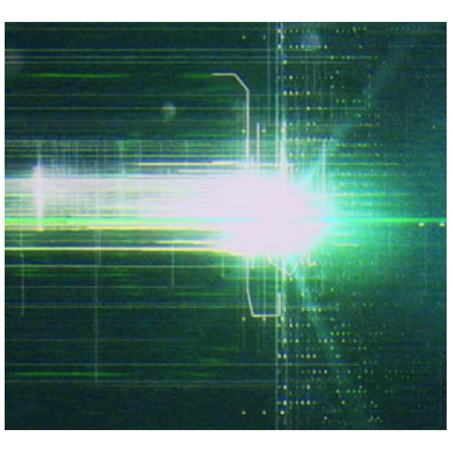


The power of
400 x86 CPUs

Water-cooled,
whisper-quiet



5X speed-up
with NVLink™ vs PCIe

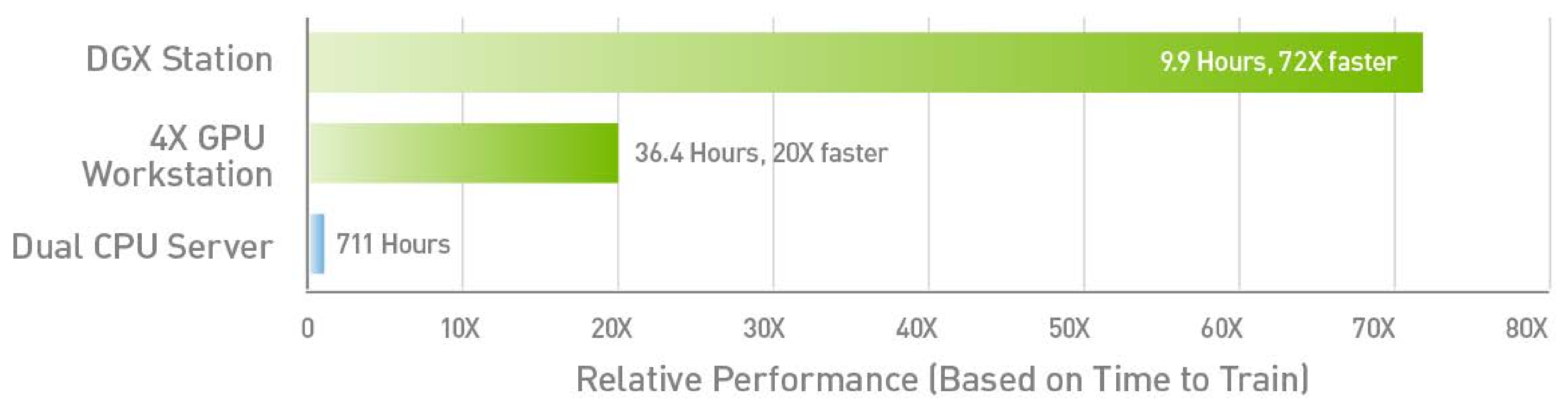


30% faster
performance with
DGX software stack

ITERATE AND INNOVATE FASTER

UNPARALLELED DEEP LEARNING TRAINING PERFORMANCE

NVIDIA DGX Station Delivers 72X Faster Deep Learning Training



Workload: ResNet-50, 90 epochs to solution | CPU Server: Dual Xeon E5-2699v4, 2.6GHz

EFFORTLESS PRODUCTIVITY

GET STARTED IN AS LITTLE AS 2 HOURS WITH NVIDIA DGX STATION

DEPLOY QUICKLY AND SIMPLY

Plug-and-play setup that takes you from power-on to deep learning in minutes

NVIDIA GPU CLOUD AND SUPPORT

Access to NVIDIA's vast deep learning knowledge, expertise, and the latest software updates

Accelerate Your Deep Learning Today

www.nvidia.com/dgx-station