

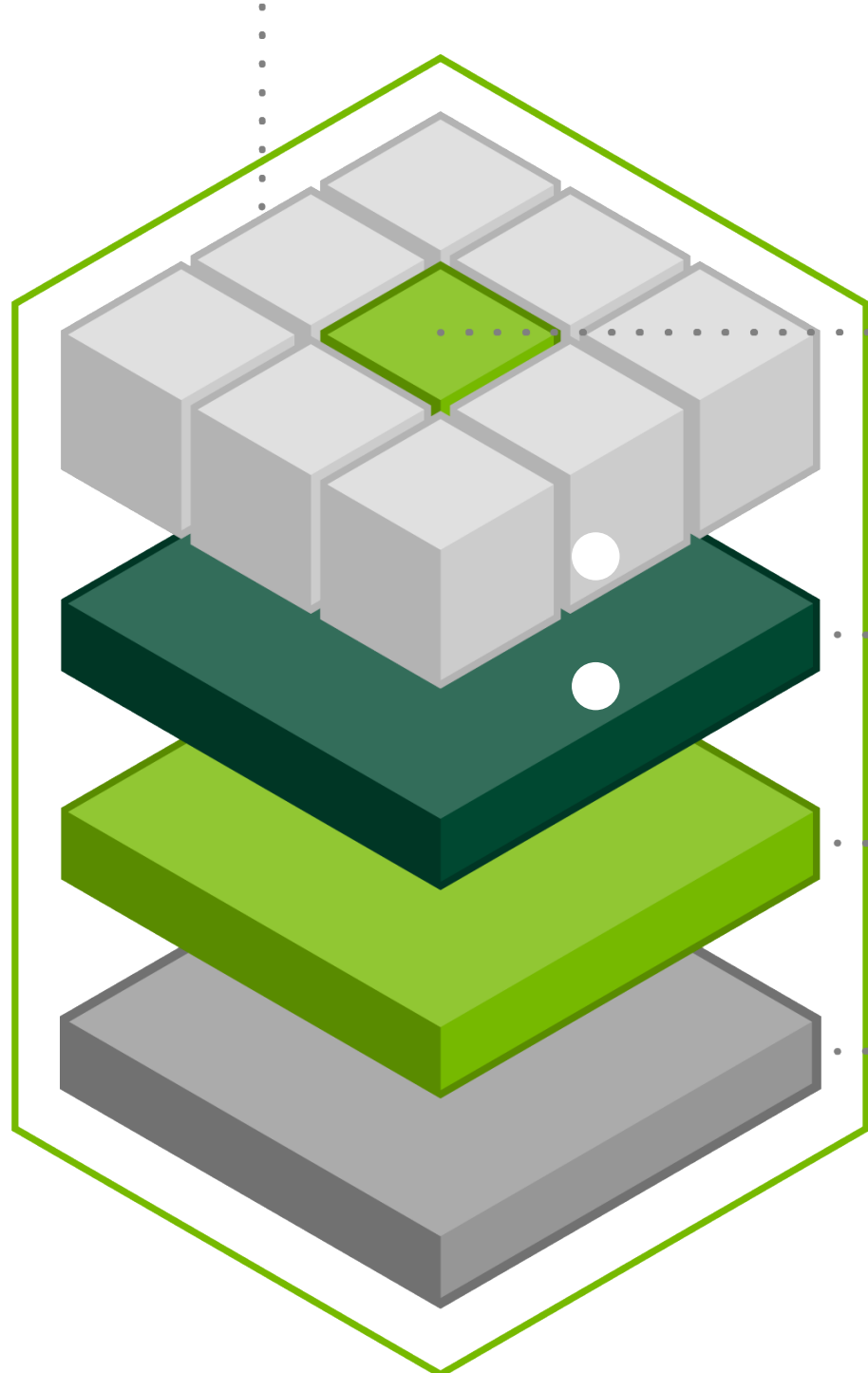
NVIDIA® DGX STATION™

YOUR PERSONAL AI SUPERCOMPUTER



GROUNDBREAKING AI AT YOUR DESK

THE PERSONAL SUPERCOMPUTER FOR LEADING AI DEVELOPMENT



Caffe Caffe2 TensorFlow theano mxnet
PYTORCH
Caffe Caffe2 TensorFlow mxnet theano torch
TensorFlow

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

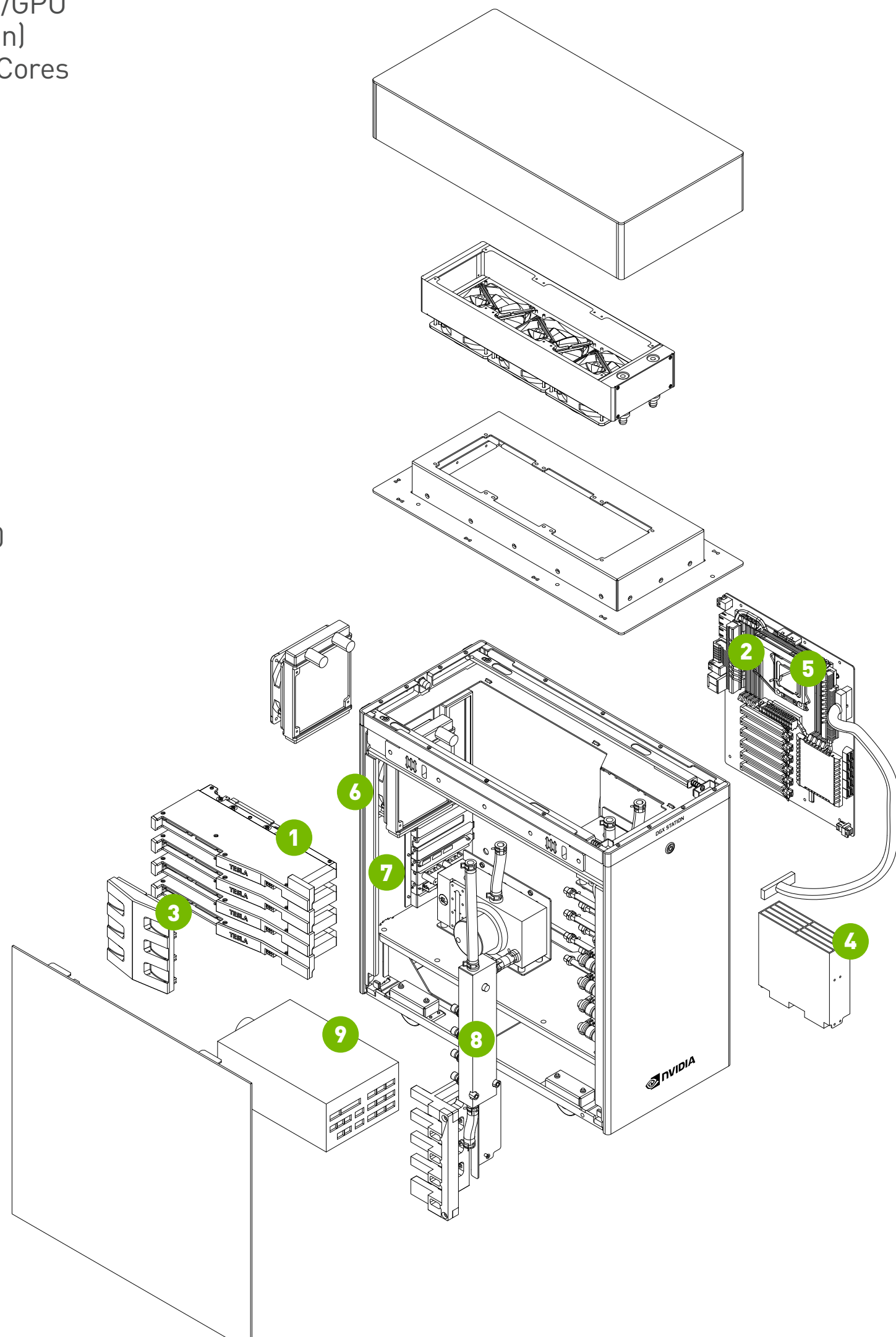
3X DisplayPort,
4K Resolution

8. COOLING

Water-Cooled

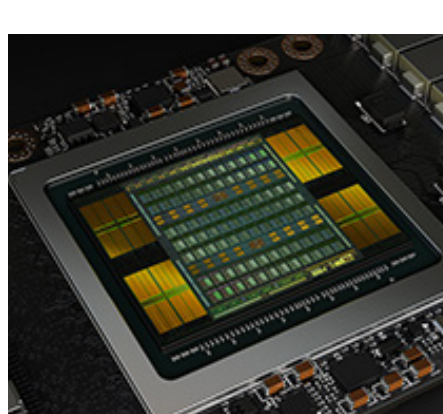
9. POWER

1500 W



POWERED BY 4 NVIDIA TESLA V100 GPUS

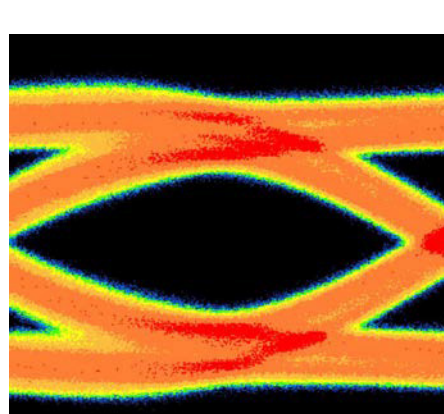
BUILT ON THE LATEST NVIDIA VOLTA™ GPU ARCHITECTURE



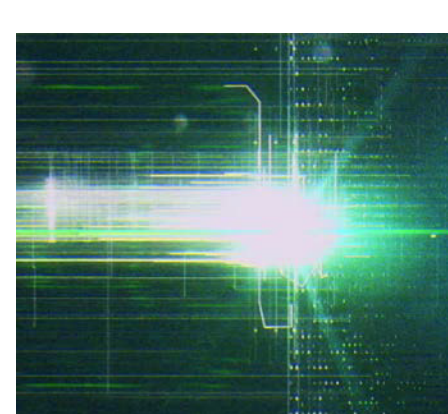
The power of
400 x86 CPUs



Water-cooled,
whisper-quiet



5X speed-up
with NVLink™ vs PCIe

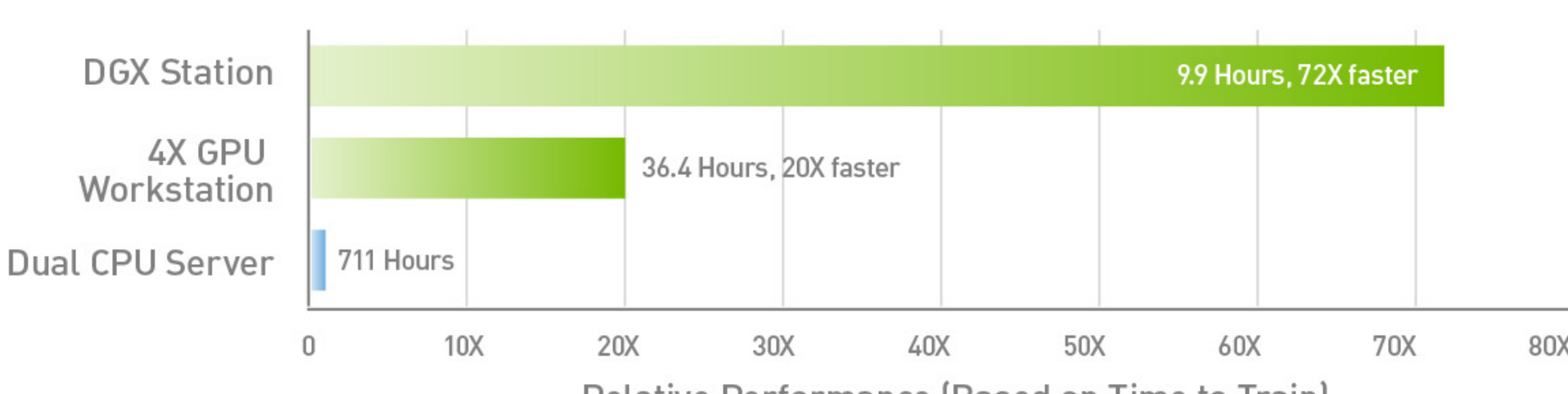


30% faster
performance with
DGX software stack

ITERATE AND INNOVATE FASTER

UNPARALLELED DEEP LEARNING TRAINING PERFORMANCE

NVIDIA DGX Station Delivers 72X Faster Deep Learning Training



EFFORTLESS PRODUCTIVITY

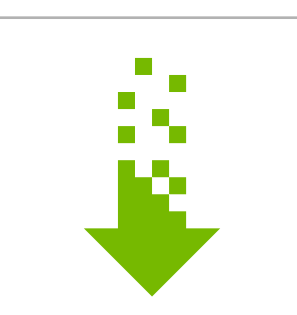
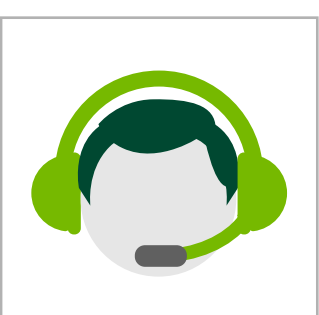
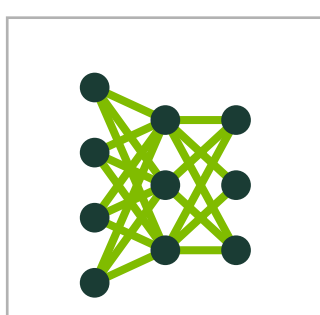
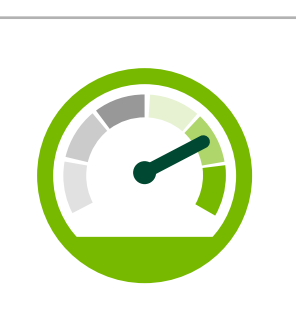
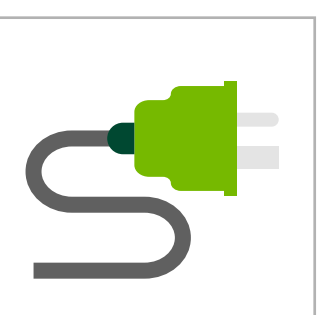
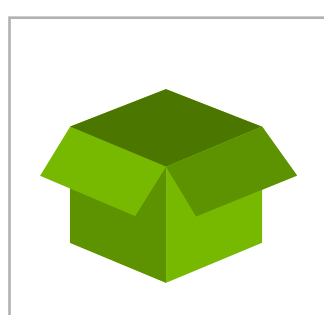
GET STARTED IN AS LITTLE AS 2 HOURS WITH NVIDIA DGX STATION

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

