INTRODUCING NVIDIA DGX-hyphen.case1

THE WORLD’S FIRST
DEEP LEARNING SUPERCOMPUTER
IN A BOX

EXPERIENCE A TRUE TURNKEY SOLUTION
WITH FULLY INTEGRATED SOFTWARE AND HARDWARE

HARDWARE

POWERED BY 8 NVIDIA TESLA P100 GPUs
MADE ON THE LATEST NVIDIA PASCAL™ GPU ARCHITECTURE

ITERATE AND INNOVATE FASTER
WITH UNPARALLELED DEEP LEARNING TRAINING PERFORMANCE

SOFTWARE

GET STARTED WITH DEEP LEARNING
MORE QUICKLY AND EASILY THAN EVER BEFORE WITH NVIDIA DGX-hyphen.case1

DEPLOY QUICKLY AND SIMPLY
Deploy your own model and train your deep learning framework.

CLOUD SERVICES AND SUPPORT
Access to NVIDIA’s vast deep learning knowledge, expertise, and the latest software updates.

DEEP LEARNING FRAMEWORKS

5X Faster Training
Based on Transformer Benchmark, Figure 3.4

3X More Performance
Figure 3.5

More Accuracy
Figure 3.6

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58X Faster Training (Based on Transformer Benchmark)

16 nanometer FinFET 3D transistors for faster performance with lower power consumption

Revolutionary NVIDIA NVLink™ high-speed bidirectional interconnect for maximum multi-GPU application performance

Performance-optimized deep learning software that accelerates all major deep learning frameworks

CoWoS® with HBM2 high-bandwidth memory for 3x bandwidth of previous generation at lower power

DEPLOY QUICKLY AND SIMPLY
Deploy your own model and train your deep learning framework.

CLOUD SERVICES AND SUPPORT
Access to NVIDIA’s vast deep learning knowledge, expertise, and the latest software updates.

ACCELERATE YOUR DEEP LEARNING TODAY
www.nvidia.com/dgx1

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