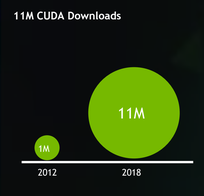
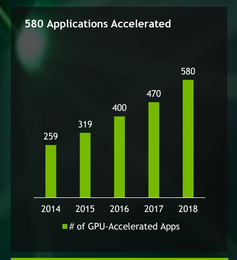
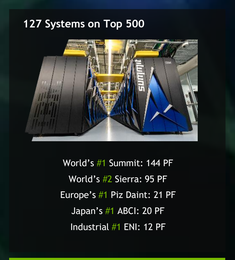
MOST ADOPTED PLATFORM FOR ACCELERATING HPC



11X CUDA DOWNLOADS

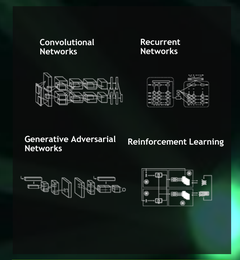


ALL TOP 15 APPLICATIONS ACCELERATED

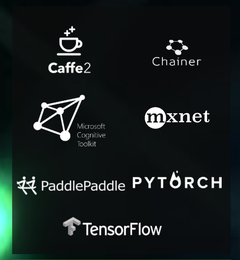


NEW HIGHS IN TOP 500 LIST

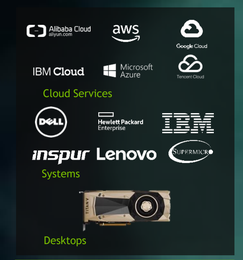
MOST ADOPTED PLATFORM FOR ACCELERATING AI



BROADEST ARRAY OF NETWORKS



EVERY DEEP LEARNING FRAMEWORK ACCELERATED



AVAILABLE EVERYWHERE

NVIDIA POWERS WORLD'S FASTEST SUPERCOMPUTERS

22 of Top 25 Greenest

ORNL Summit
World's Fastest
27,648 GPUs| 144 PF

LLNL Sierra
World's 2nd Fastest
17,280 GPUs| 95 PF

Piz Daint
Europe's Fastest
5,704 GPUs| 21 PF

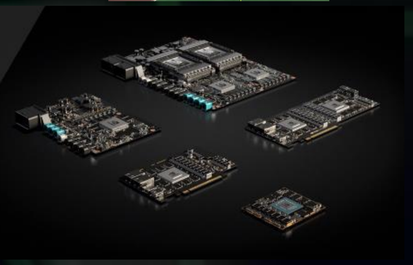
ABCI
Japan's Fastest
4,352 GPUs| 20 PF

ENI HPC4
Fastest Industrial
3,200 GPUs| 12 PF

NVIDIA AGX

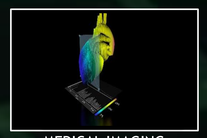
Family of Systems for Embedded AI HPC

Self-driving cars
Robotics
Smart Cities
Healthcare



NVIDIA

RISE OF GPU COMPUTING

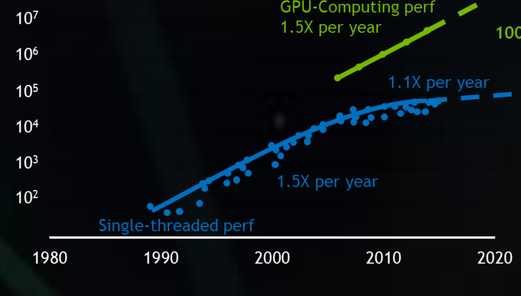


MEDICAL IMAGING

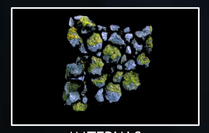
BIOINFORMATICS

DATA SCIENCE

APPLICATIONS
ALGORITHMS
SYSTEMS
CUDA
ARCHITECTURE



RAY TRACING

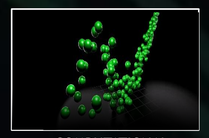


MATERIALS

WEATHER AND CLIMATE

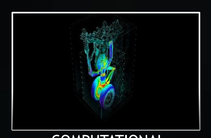
DEEP LEARNING

IMAGING & COMPUTER VISION



COMPUTATIONAL CHEMISTRY

COMPUTATIONAL FLUID DYNAMICS



COMPUTATIONAL STRUCTURAL MECHANICS

NUMERICAL ANALYTICS

TESLA V100

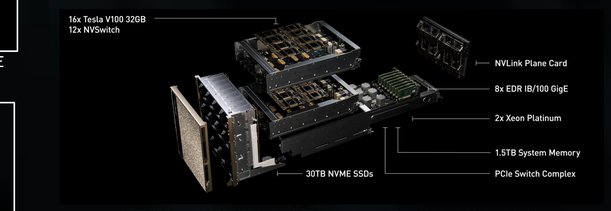
WORLD'S MOST ADVANCED DATA CENTER GPU

5,120 CUDA cores
640 NEW Tensor cores
7.8 FP64 TFLOPS | 15.7 FP32 TFLOPS | 125 Tensor TFLOPS
20MB SM RF | 16MB Cache
16GB/ 32GB HBM2 @ 900GB/s | 300GB/s NVLink

24/7 Uptime
Data Center Ready
Scalable Performance

NEW NVIDIA DGX-2

The Largest GPU Ever Created

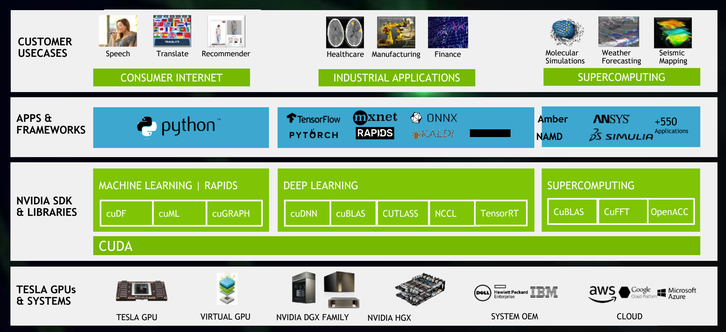


2 PFLOPS | 512GB HBM2 | 16 TB/sec Memory Bandwidth | 10 kW / 160 kg

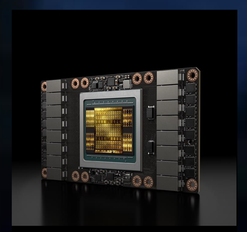
ONE PLATFORM — CUDA

NVIDIA ACCELERATION PLATFORM

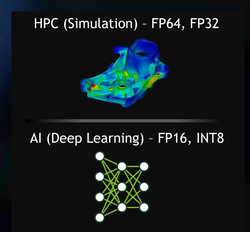
Single Platform To Drive Utilization and Productivity



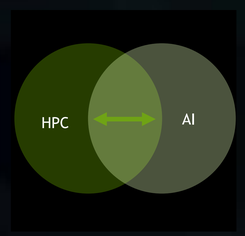
TENSOR CORE GPU FUSES HPC & AI COMPUTING



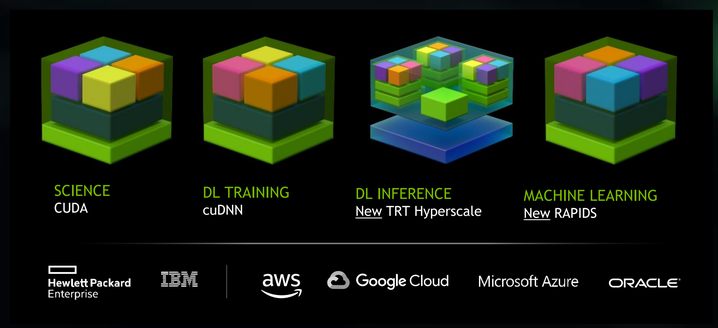
VOLTA TENSOR CORE GPU



MULTI-PRECISION COMPUTING



FUSION OF HPC & AI



NVIDIA HPC ACCELERATION STACKS