AI SELF-DRIVING CARS

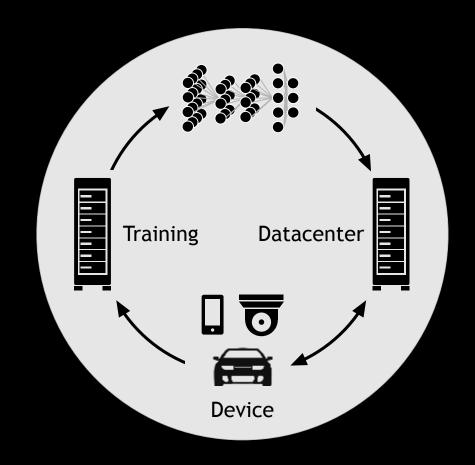
July 6, 2017



A NEW ERA OF COMPUTING



GPU DEEP LEARNING IS A NEW COMPUTING MODEL



AMAZING ACHIEVEMENTS IN AI



Play Go



Play Doom



Learn Paint Style



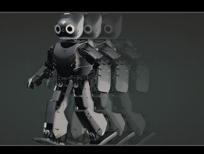
Synthesize Voice



Write Captions



Learn Motor Skills



Learn to Walk



Drive

\$10T TRANSPORTATION INDUSTRY

1B Cars on the Road



20M Rides per Day



300M Trucks – 1.2T Miles per Year



500K Buses in Operation



REINVENTING OUR COMMUNITY



REINVENTING OUR COMMUNITY



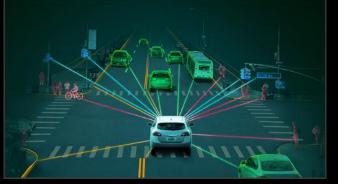
AI IS THE SOLUTION TO SELF-DRIVING

Perception

Reasoning

Driving

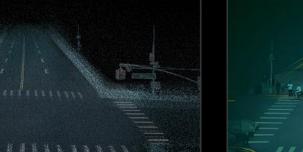








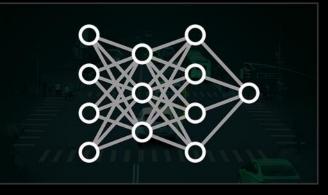








AI Computing



XAVIER AI CAR SUPERCOMPUTER

FORDEG

8 Core Custom ARM64 CPU 512 Core Volta GPU Designed for ASIL D Functional Safety 30 TOPS DL | 30W

























Face Recognition





Face Recognition

Head Tracking

🐵 NVIDIA.



Face Recognition

Head Tracking

Gaze Tracking



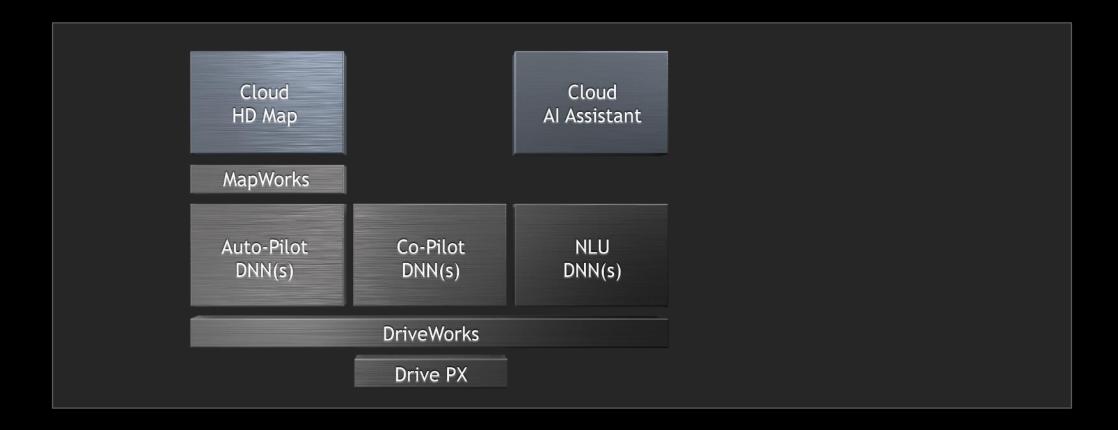
Face Recognition

Head Tracking

Gaze Tracking

Lip Reading

NVIDIA AI CAR PLATFORM



AI FOR EVERYONE

AI Revolutionizing Transportation

AI Revolutionizing Healthcare

AI Revolutionizing Society

