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1. - NVIDIA SDK Windows Server 2019 Windows 10.
2. : CPU, Nvidia GPU, VPU (Intel NCS, Intel HDDL).



- Intel NCS USB- , Windows USB- : Movidius, Myriad X, VSC Loopback Device. Intel NCS , X (.). Intel NCS.
- Intel HDDL .
- Intel HDDL AMD OpenVINO™ toolkit 2019.3.379 (. docs.openvino.ai).

3. CPU Intel GPU, :
 - a. CPU:

- i. 6th Generation Intel® Core™ processors .



CPU 6th Generation Intel® Core™ processors .

- ii. Intel® Xeon® v5 family Intel® Xeon® v6 family.
 - iii. Intel® Movidius™ Neural Compute Stick.
 - iv. Intel® Neural Compute Stick 2.
 - v. Intel® Vision Accelerator Design with Intel® Movidius™ VPUs.
- b. OpenVino CPU Intel (. software.intel.com).
- c. AVX2 AVX512 (. ark.intel.com).
4. NVIDIA GeForce 1050 Ti .:
 - a. 2 .
 - b. CUDA 11.1 11.4.
 - c. Compute Capability 3.5 8.6.



- CUDA : Kepler (), Maxwell, Pascal, Volta, Turing, Ampere () (. CUDA).
- Compute Capability .
- NVIDIA .

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