

() :

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



[Intel NCS](#) USB- , Windows USB- : Movidius, Myriad X, VSC Loopback Device.
[Intel NCS](#) , *Axxon Next* ().



!

[Intel NCS](#).

Intel HDDL .



!

Intel HDDL AMD OpenVINO™ toolkit 2019.3.379 (https://docs.openvino toolkit.org/latest/openvino_docs_install_guides_installing_openvino_windows.html).

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

- i. 6th-10th Generation Intel® Core™ processors;



CPU 6th Generation Intel® Core™ processors .

- ii. Intel® Xeon® v5 family;
 - iii. Intel® Xeon® v6 family;
 - iv. Intel® Movidius™ Neural Compute Stick;
 - v. Intel® Neural Compute Stick 2;
 - vi. Intel® Vision Accelerator Design with Intel® Movidius™ VPUs.
 - b. OpenVino CPU Intel (<https://software.intel.com/content/www/us/en/develop/tools/openvino-toolkit/system-requirements.html>).
 - c. AVX2 AVX512 (https://ark.intel.com/content/www/us/en/ark/search/featurefilter.html?productType=873&1_Filter-InstructionSetExtensions=3533&1_Filter-Family=595r.html).
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 .

500 , () RR ([RR](#)).: 1 . .



!

.
().