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



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

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/opencv-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](#).
- NVIDIA .
- Compute Capability .

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