



NetStation / NetStation Enterprise

REQUIREMENTS

for software version 3.4.5.35 and above

REQUIREMENTS

Below You can find minimum and recommended requirements for NetStation software as well as requirements for Video Content Analytics form VCA Technology Ltd.

NetStation / NetStation Enterprise		
SYSTEM REQUIREMENTS	MINIMUM	RECOMMENDED
Operating System	Windows 8.1 / 10 64-bit, Windows Server 2012 R2 / 2016 / 2019	Windows Server 2016 / 2019
Motherboard	Intel chipset based (ASUS,Gigabyte, Intel)	
Processor	5th generation Intel Core CPU	8th generation Intel Core CPU or higher, Intel Xeon Gen 2 or higher
MEMORY (without VCA)	8 GB	16 GB or higher
MEMORY (with VCA)	16 GB	32 GB
VIDEO CARD (without VCA or LPR)	motherboard with built in video output	motherboard with built in video output
VIDEO CARD (with VCA)	NVIDIA GTX1650 Super	NVIDIA RTX2070 Super

VCA TECHNOLOGY LTD Standard Analytics - Motion tracking and detection engine	
CPU Specification	Number of channels
Intel i3 (10th Generation)	1-16
Intel i5 (10th Generation)	17-32
Intel i7 (10th Generation)	33-64
Intel i9 (10th Generation)	65-85
Intel Xeon Silver or greater	85+

Note: Keep in mind that using VCA requires a minimum of 10th generation Intel Core CPU, Intel Xeon Silver or greater. All above information are just approx. and may vary depending on the camera's stream settings, integration complexity and amount of VCA channels required. If You are not sure if Your PC will be enough for Your project please contact our local distributor / integrator for help. The list of current distributors / integrators can be found on our webpage.

Additional requirements for Video Content Analytics:

VCA TECHNOLOGY LTD Deep Learning Filter (DLF) for accurate detection of people and vehicles	
GPU Specification	Number of channels
NVIDIA GTX1650 Super	1-64
NVIDIA GTX1660 Super	65-128
NVIDIA RTX2070 Super	129-256
NVIDIA RTX2080ti	256+

VCA TECHNOLOGY LTD Deep Learning People Tracker using Pose algorithms for accurate detection and tracking of people	
GPU Specification	Number of channels
NVIDIA GTX1650 Super	1-4
NVIDIA GTX1660 Super	5-8
NVIDIA RTX2070 Super	9-12
NVIDIA RTX2080ti	13-18

additional hardware requirements	Optimal camera configuration
128 GB free HDD space	H.264 codec
1 Gb Network Adapter	640x480 resolution
	frame rate 15 FPS

Note: VCA will accept higher resolutions and frame rates but they will increase the CPU overhead and result in a reduction in channel capacity without necessarily increasing accuracy.