

Milesight CMS Recommended Hardware Information

Note: This document only refers to the maximum number of **preview channels** under different hardware performance, it does not apply to recording performance.
 And the data of this document is for reference only as it come from our local test environment, which is not exactly the same as the customer's test environment.

System Information:				
CPU: Intel(R) Core I3-6100 @3.70GHz 3.70GHz				
Memory: 8G				
Ggraphics Card: Intel(R) HD Graphics 530				
OS: Win 7 Ultimate				
System type: 64-bit				
Performance \ Stream	Maximum number of channels	CPU	Memory	GPU
1280*720--H.264--25fps--4096kbps--CBR	18	92%	520M	13%
1280*720--H.265--25fps--4096kbps--CBR	8	92%	483M	30%
640*480--H.264--25fps--1024kbps--CBR	52	90%	752M	28%
640*480--H.265--25fps--1024kbps--CBR	22	90%	680M	48%

System Information:				
CPU: Intel(R) Core I5-6400 @2.70GHz 2.70GHz				
Memory: 8G				
Ggraphics Card: Intel(R) HD Graphics 530				
OS: Win 7 Ultimate				
System type: 64-bit				
Performance \ Stream	Maximum number of channels	CPU	Memory	GPU
1280*720--H.264--25fps--4096kbps--CBR	21	92%	551M	10%
1280*720--H.265--25fps--4096kbps--CBR	11	92%	579M	55%
640*480--H.264--25fps--1024kbps--CBR	64	90%	892M	33%
640*480--H.265--25fps--1024kbps--CBR	33	90%	878M	34%

System Information:				
CPU: Xeon E3-1230 V2 @3.30GHz 3.70GHz				
Memory: 8G				
Ggraphics Card: IGeForce GTX 650				
OS: Win 7 Ultimate				
System type: 64-bit				

System Information:				
CPU: Intel(R) Core I7-6700K @4.00GHz 4.00GHz				
Memory: 8G				
Ggraphics Card: Intel(R) HD Graphics 530				
OS: Win 7 Ultimate				
System type: 64-bit				

Performance Stream	Maximum number of channels	CPU	Memory	GPU
1280*720--H.264--25fps--4096kbps--CBR	22	92%	444M	40%
1280*720--H.265--25fps--4096kbps--CBR	16	95%	660M	36%
640*480--H.264--25fps--1024kbps--CBR	66	75%	627M	30%
640*480--H.265--25fps--1024kbps--CBR	50	92%	660M	30%

Performance Stream	Maximum number of channels	CPU	Memory	GPU
1280*720--H.264--25fps--4096kbps--CBR	26	90%	649M	12%
1280*720--H.265--25fps--4096kbps--CBR	16	90%	749M	17%
640*480--H.264--25fps--1024kbps--CBR	78	90%	864M	19%
640*480--H.265--25fps--1024kbps--CBR	54	90%	1327M	13%

System Information: CPU: AMD Ryzen 5 2400G 3.6Ghz Memory: 8G Ggraphics Card: Radeon Vego Graphics OS: Win 7 Ultimate System type: 64-bit				
Performance Stream	Maximum number of channels	CPU	Memory	GPU
1280*720--H.264--25fps--4096kbps--CBR	26	90%	642M	
1280*720--H.265--25fps--4096kbps--CBR	17	90%	875M	
640*480--H.264--25fps--1024kbps--CBR	87	90%	1246M	
640*480--H.265--25fps--1024kbps--CBR	58	90%	1682M	

System Information: CPU: Intel(R) Core i7-8700K @3.70GHz Memory: 2*8G Ggraphics Card: Intel(R) HD Graphics 630 OS: Win 10 Ultimate System type: 64-bit				
Performance Stream	Maximum number of channels	CPU	Memory	GPU
1280*720--H.264--25fps--4096kbps--CBR	49	90%	1385M	18%
1280*720--H.265--25fps--4096kbps--CBR	32	90%	1382M	20%
640*480--H.264--25fps--1024kbps--CBR	128(Up to 147 channels)	70%	1844M	18%
640*480--H.265--25fps--1024kbps--CBR	104	90%	2684M	16%