

NAS Device			Software Transcoding					Hardware - Accelerated Transcoding						
PassMark CPU Benchmarks			(Plex Pass and 64-bit version required)											
Manufacturer	Model	CPU Model	SD (480p / 576p)	HD (720p)	HD (1080p)	H264 / HEVC SDR (2160p)	HEVC UHD (2160p)	SD (480p / 576p)	HD (720p)	HD (1080p)	H264 (2160p)	HEVC SDR (2160p)	HEVC HDR (2160p)	External GPU Support
Asustor	www.asustor.com													
Asustor	AS-202T	x86 (Atom CE5335) 1.2GHz	Some	No	No	No	No	No	No	No	No	No	No	No
Asustor	AS-202TE	x86 (Atom CE5335) 1.2GHz	Some	No	No	No	No	No	No	No	No	No	No	No
Asustor	AS-204T	x86 (Atom CE5335) 1.2GHz	Some	No	No	No	No	No	No	No	No	No	No	No
Asustor	AS-204TE	x86 (Atom CE5335) 1.2GHz	Some	No	No	No	No	No	No	No	No	No	No	No
Asustor	AS-302T	X86 (Atom CE5335) 1.6 GHz	Yes	No	No	No	No	No	No	No	No	No	No	No
Asustor	AS-304T	X86 (Atom CE5335) 1.6 GHz	Yes	No	No	No	No	No	No	No	No	No	No	No
Asustor	AS-602T	x64 (Atom D2700) 2.13GHz	Yes	Some	No	No	No	No	No	No	No	No	No	No
Asustor	AS-604T	x64 (Atom D2700) 2.13GHz	Yes	Some	No	No	No	No	No	No	No	No	No	No
Asustor	AS-606T	x64 (Atom D2700) 2.13GHz	Yes	Some	No	No	No	No	No	No	No	No	No	No
Asustor	AS-608T	x64 (Atom D2700) 2.13GHz	Yes	Some	No	No	No	No	No	No	No	No	No	No
Asustor	AS-1002T	ARMv7 (Armada 385) 1GHz	No	No	No	No	No	No	No	No	No	No	No	No
Asustor	AS-1002T v2	ARMv7 (Armada 385) 1.6GHz	No	No	No	No	No	No	No	No	No	No	No	No
Asustor	AS-1004T	ARMv7 (Armada 385) 1GHz	No	No	No	No	No	No	No	No	No	No	No	No
Asustor	AS-1004T v2	ARMv7 (Armada 385) 1.6GHz	No	No	No	No	No	No	No	No	No	No	No	No
Asustor	AS-1102T	ARMv8 (Realtek 1296) 1.4Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Asustor	AS-1104T	ARMv8 (Realtek 1296) 1.4Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Asustor	AS-3102T	x64 (Celeron J3060) 1.6GHz	Yes	Some	No	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-3102T v2	x64 (Celeron J3060) 1.6GHz	Yes	Some	No	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-3104T	x64 (Celeron J3060) 1.6GHz	Yes	Some	No	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-3202T	x64 (Celeron J3160) 1.6GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-3204T	x64 (Celeron J3160) 1.6GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-3204T v2	x64 (Celeron J3160) 1.6GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-3302T	ARMv8 (Realtek 1296) 1.4Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Asustor	AS-3304T	ARMv8 (Realtek 1296) 1.4Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Asustor	AS-4002T	ARMv8 (Armada-7020) 1.6Ghz	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No
Asustor	AS-4004T	ARMv8 (Armada-7020) 1.6Ghz	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No
Asustor	AS-5002T	x64 (Celeron J1800) 2.41GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-5004T	x64 (Celeron J1800) 2.41GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-5008T	x64 (Celeron J1800) 2.41GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-5010T	x64 (Celeron J1800) 2.41GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-5102T	x64 (Celeron J1900) 2.0GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-5104T	x64 (Celeron J1900) 2.0GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-5108T	x64 (Celeron J1900) 2.0GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-5110T	x64 (Celeron J1900) 2.0GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-5202T	x64 (Celeron J4005) 2.0GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	No
Asustor	AS-5304T	x64 (Celeron J4105) 1.5GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	No
Asustor	AS-6102T	x64 (Celeron J3060) 1.6GHz	Yes	Some	No	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-6104T	x64 (Celeron J3060) 1.6GHz	Yes	Some	No	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-6210T	x64 (Celeron J3160) 1.6GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-6202T	x64 (Celeron J3160) 1.6GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-6204T	x64 (Celeron J3160) 1.6GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-6208T	x64 (Celeron J3160) 1.6GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No

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Asustor	AS-6302T	x64 (Celeron J3355) 2.0GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	No	No
Asustor	AS-6404T	x64 (Celeron J3455) 1.5GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	No
Asustor	AS-6508T	x64 (Atom C3538) 2.1Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Asustor	AS-6510T	x64 (Atom C3538) 2.1Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Asustor	AS-6602T	x64 (Celeron J4125) 2.0 Ghz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	No
Asustor	AS-6604T	x64 (Celeron J4125) 2.0 Ghz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	No
Asustor	AS-6702T	x64 (Celeron N5105) 2.0Ghz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	No
Asustor	AS-6704T	x64 (Celeron N5105) 2.0Ghz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	No
Asustor	AS-6706T	x64 (Celeron N5105) 2.0Ghz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	No
Asustor	AS-7004T-i3	x64 (Core i3-4330) 3.5 Ghz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-7004T-i5	x64 (Core i5-4590s) 3.0GHz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-7008T	x64 (Core i3-4330) 3.5 Ghz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-7009RD	x64 (Core i3-4330) 3.5 Ghz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-7010T-i3	x64 (Core i3-4330) 3.5 Ghz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-7010T-i5	x64 (Core i5-4590s) 3.0GHz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	No
Asustor	AS-7012RD	x64 (Core i3-4330) 3.5 Ghz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	No
Drobo www.drobo.com														
Drobo	5N	ARMv7 (Armada XP)	No	No	No	No	No	No	No	No	No	No	No	No
Drobo	5N2	ARMv7 (Armada XP)	No	No	No	No	No	No	No	No	No	No	No	No
Drobo	B810n	ARMv7 (Armada XP)	No	No	No	No	No	No	No	No	No	No	No	No
Netgear www.netgear.com														
Netgear	RN102	ARMv7 (Armada 370) 1.2GHz	No	No	No	No	No	No	No	No	No	No	No	No
Netgear	RN104	ARMv7 (Armada 370) 1.2GHz	No	No	No	No	No	No	No	No	No	No	No	No
Netgear	RN202	ARMv7 (Cortex A15) 1.2GHz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Netgear	RN204	ARMv7 (Cortex A15) 1.2GHz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Netgear	RN212	ARMv7 (Cortex A15) 1.4Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Netgear	RN214	ARMv7 (Cortex A15) 1.4Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Netgear	RN312	x86 (Atom D2701) 2.13GHz	Yes	Some	No	No	No	No	No	No	No	No	No	No
Netgear	RN314	x86 (Atom D2701) 2.13GHz	Yes	Some	No	No	No	No	No	No	No	No	No	No
Netgear	RN316	x86 (Atom D2701) 2.13GHz	Yes	Some	No	No	No	No	No	No	No	No	No	No
Netgear	RN428	x64 (Atom C3000) 2.4Ghz	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No
Netgear	RN516	x64 (Core i3-3220) 3.3GHz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	No
Netgear	RN526X	x64 (Xeon D-1508) 2.2Ghz	Yes	Yes	Yes	Some	No	No	No	No	No	No	No	No
Netgear	RN626X	x64 (Xeon D-1521) 2.4Ghz	Yes	Yes	Yes	Some	No	No	No	No	No	No	No	No
Netgear	RN2120	ARMv7 (Armada XP) 1.2GHz	No	No	No	No	No	No	No	No	No	No	No	No
Netgear	RN3220	x64 (Core i3-3220 v2) 3.3GHz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	No
Netgear	RN3312	x64 (Xeon E3-1225 v5) 3.3GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	No	No
Netgear	RN4220s	x64 (Xeon E3-1225 v2) 3.2GHz	Yes	Yes	Yes	Some	No	No	No	No	No	No	No	No
Netgear	RN4220x	x64 (Xeon E3-1225 v2) 3.2GHz	Yes	Yes	Yes	Some	No	No	No	No	No	No	No	No
Netgear	RN4312S	x64 (Xeon E3-1245 v5) 3.5GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	No	No	No
Netgear	RN4312X	x64 (Xeon E3-1245 v5) 3.5GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	No	No	No

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QNAP	TS-EC1680U-RP	x64 (Xeon E3-1245 v3) 3.4GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	No	No	No	
QNAP	TS-EC2888X (XU)	x64 (Xeon W-2123 *) 3.9GHz	Yes	Yes	Yes	Some	No	No	No	No	No	No	No	
QNAP	TS-EC2480U-RP	x64 (Xeon E3-1245 v3) 3.4GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	No	No	No	
TVS Series (QTS)														
QNAP	TVS-471-i3	x64 (Core i3-4150) 3.5GHz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	
QNAP	TVS-471-PT	x64 (Pentium G3250) 3.1GHz	Yes	Yes	Yes	No	No	Yes	Yes	Some	No	No	No	
QNAP	TVS-472XT	x64 (Pentium G5400T) 3.1 Ghz	Yes	Yes	Yes	No	No	Yes	Yes	Some	No	No	No	
QNAP	TVS-473	x64 (AMD RX-421BD) 2.1 GHz	Yes	Yes	Yes	No	No	No	No	No	No	No	No	
QNAP	TVS-473e	x64 (AMD RX-421BD) 2.1 GHz	Yes	Yes	Yes	No	No	No	No	No	No	No	No	
QNAP	TVS-673	x64 (AMD RX-424CC) 2.4 GHz	Yes	Yes	Yes	No	No	No	No	No	No	No	No	
QNAP	TVS-672N	x64 (Core i3-8100T) 3.1 Ghz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-672XT	x64 (Core i3-8100T) 3.1 Ghz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-673	x64 (AMD RX-421BD) 2.1 GHz	Yes	Yes	Yes	No	No	No	No	No	No	No	No	
QNAP	TVS-672N-i3-4G	x64 (Core i3-8100T) 3.1 GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-673e	x64 (AMD RX-421BD) 2.1 GHz	Yes	Yes	Yes	No	No	No	No	No	No	No	No	
QNAP	TVS-682-i3-8G	x64 (Core i3-7100) 3.9 GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-682-PT-8G	x64 (Pentium G4400) 3.3GHz	Yes	Yes	Yes	No	No	Yes	Yes	Some	No	No	No	
QNAP	TVS-682T-i3-8G	x64 (Core i3-7100) 3.9 GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-871-i3	x64 (Core i3-4150) 3.5GHz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	
QNAP	TVS-871-i5	x64 (Core i5-4590S) 3.0GHz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	
QNAP	TVS-871-i7	x64 (Core i7-4790S) 3.2GHz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	
QNAP	TVS-871-PT	x64 (Pentium G3250) 3.1GHz	Yes	Yes	Yes	No	No	Yes	Yes	Some	No	No	No	
QNAP	TVS-871U-RP-i3	x64 (Core i3-4150) 3.5GHz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	
QNAP	TVS-871U-RP-i5	x64 (Core i5-4590S) 3.0GHz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	
QNAP	TVS-871U-RP-PT	x64 (Pentium G3250) 3.1GHz	Yes	Yes	Yes	No	No	Yes	Yes	Some	No	No	No	
QNAP	TVS-872N-i3-4G	x64 (Core i3-8100T) 3.1 GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-872XT-i5-16G	x64 (Core i5-8400T) 1.7 Ghz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-872XU (-RP)	x64 (Core i3-8400) 3.6 GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-873e	x64 (AMD RX-421BD) 2.1 Ghz	Yes	Yes	Yes	Some	No	No	No	No	No	No	No	
QNAP	TVS-882-i3-8G	x64 (Core i3-7100) 3.9 GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	
QNAP	TVS-882-i5-16G	x64 (Core i5-6500) 3.6 GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	No	
QNAP	TVS-882T-i5-16G	x64 (Core i5-6500) 3.6 GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	No	
QNAP	TVS-882BRT3-i5-16G	x64 (Core i5-7500) 3.4GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-882BRT3-i7-32G	x64 (Core i7-7700) 3.6GHz	Yes	Yes	Yes	Some	Some	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-882ST3-i5	x64 (Core i5-6442EQ) 1.9GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	No	
QNAP	TVS-882ST3-i7	x64 (Core i7-6700HQ) 2.6GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	No	
QNAP	TVS-951X	x64 (Celeron 3865U) 1.8 GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	
QNAP	TVS-972XU (-RP)	x64 (i3-8100) 3.6GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	
QNAP	TVS-1271U-RP-i3	x64 (Core i3-4150) 3.5GHz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	
QNAP	TVS-1271U-RP-i5	x64 (Core i5-4590S) 3.0GHz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	
QNAP	TVS-1271U-RP-i7	x64 (Core i7-4790S) 3.2GHz	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	
QNAP	TVS-1271U-RP-PT	x64 (Pentium G3250) 3.1GHz	Yes	Yes	Yes	No	No	Yes	Yes	Some	No	No	No	
QNAP	TVS-1272XU (-RP)	x64 (i3-8100) 3.6GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	
QNAP	TVS-1282-i3-8G	x64 (Core i3-6100) 3.7 GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	No	Nvidia

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QNAP	TVS-1282-i5-16G	x64 (Core i5-6500) 3.6 GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	No	Nvidia
QNAP	TVS-1282-i7-32G	x64 (Core i7-6700) 3.4 GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	No	Nvidia
QNAP	TVS-1282T-i5-16G	x64 (Core i5-6500) 3.6 GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	SDR Only	H.264 Output	No	Nvidia
QNAP	TVS-1282T-i7-32G	x64 (Core i7-7700) 3.4 GHz	Yes	Yes	Yes	Some	Some	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-1282T3-i5-16G	x64 (Core i7-7500) 3.6 GHz	Yes	Yes	Yes	Some	Some	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-1282T3-i7-32G	x64 (Core i7-7700) 3.6 GHz	Yes	Yes	Yes	Some	Some	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-1582TU-i5-16G	x64 (Core i5-7500) 3.4 GHz	Yes	Yes	Yes	Some	Some	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-1582TU-i7-32G	x64 (Core i7-7700) 3.6 GHz	Yes	Yes	Yes	Some	Some	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-1672XU-RP	x64 (Core i3-8100) 3.6GHz	Yes	Yes	Yes	Some	Some	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-2472XU-RP	x64 (Core i5-8500) 3.0GHz	Yes	Yes	Yes	Some	Some	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	Nvidia
QNAP	TVS-EC1280U-SAS-RP	x64 (Xeon E3-1246 v3) 3.5 GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	No	No	No	
QNAP	TVS-EC1580MU-SAS-RP	x64 (Xeon E3-1246 v3) 3.5 GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	No	No	No	
QNAP	TVS-EC1680U-SAS-RP	x64 (Xeon E3-1246 v3) 3.5 GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	No	No	No	
QNAP	TVS-EC2480U-SAS-RP	x64 (Xeon E3-1246 v3) 3.5 GHz	Yes	Yes	Yes	Some	No	Yes	Yes	Yes	No	No	No	
Seagate www.seagate.com														
Seagate	NAS	ARMv7 (Armada 370) 1.2Ghz	No	No	No	No	No	No	No	No	No	No	No	No
Seagate	NAS Pro	x64 (Atom C2338) 1.7 GHz	Yes	No	No	No	No	No	No	No	No	No	No	No
Seagate	Personal Cloud	ARMv7 (Armada 370) 1.2Ghz	No	No	No	No	No	No	No	No	No	No	No	No
Synology www.synology.com														
x22 Series														
Synology	DS1522+	x64 (Ryzen R1600) 2.6 Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
x21 Series														
Synology	RS1221+ / RS1221RP+	x64 (Ryzen V1500B) 2.2 Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Synology	DS1621xs+	x64 (Xeon D-1527) 2.2Ghz	Yes	Yes	Some	Some	No	No	No	No	No	No	No	No
Synology	DS1621+	x64 (Ryzen V1500B) 2.2 Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Synology	DS1821+	x64 (Ryzen V1500B) 2.2 Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Synology	RS4021+	x64 (Xeon D-1541) 2.1 Ghz	Yes	Yes	Some	Some	No	No	No	No	No	No	No	No
Synology	RS3621+	x64 (Xeon D-1541) 2.1 Ghz	Yes	Yes	Some	Some	No	No	No	No	No	No	No	No
Synology	RS3621RPxs	x64 (Xeon D-1541) 2.1 Ghz	Yes	Yes	Some	Some	No	No	No	No	No	No	No	No
x20 Series														
Synology	DS120j	ARMv8 (Realtek 1296) 1.4Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Synology	DS220j	ARMv8 (Realtek 1296) 1.4Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Synology	DS220+	x64 (Celeron J4025) 2.0 Ghz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	No
Synology	DS420j	ARMv8 (Realtek 1296) 1.4Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Synology	DS420+	x64 (Celeron J4025) 2.0 Ghz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	No
Synology	DS620slim	x64 (Celeron J3355) 2.0 Ghz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	No	No
Synology	DS720+	x64 (Celeron J4125) 2.0 Ghz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	No
Synology	DS920+	x64 (Celeron J4125) 2.0 Ghz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	No
Synology	DS1520+	x64 (Celeron J4125) 2.0 Ghz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	No
Synology	RS820+/RS820RP+	x64 (Atom C3538) 2.1 Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
x19 Series														

NAS Device			Software Transcoding					Hardware - Accelerated Transcoding						
PassMark CPU Benchmarks								(Plex Pass and 64-bit version required)						
Manufacturer	Model	CPU Model	SD (480p / 576p)	HD (720p)	HD (1080p)	H264 / HEVC SDR (2160p)	HEVC UHD (2160p)	SD (480p / 576p)	HD (720p)	HD (1080p)	H264 (2160p)	HEVC SDR (2160p)	HEVC HDR (2160p)	External GPU Support
Synology	DS419slim	ARMv7 (Armada 385) 1.3GHz	No	No	No	No	No	No	No	No	No	No	No	No
Synology	RS819	ARMv8 (Realtek 1296) 1.4Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Synology	DS1019+	x64 (Celeron J3455) 1.5-2.3 Ghz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	No
Synology	RS1219+	x64 (Atom C2538) 2.4Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Synology	DS1619xs+	x64 (Xeon D-1527) 2.2Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Synology	DS1819+	x64 (Atom C3538) 2.1Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Synology	DS2419+	x64 (Atom C2538) 2.1Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
x18 Series														
Synology	DS118	ARMv8 (Realtek 1296) 1.4Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Synology	DS218	ARMv8 (Realtek 1296) 1.4Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Synology	DS218+	x64 (Celeron J3355) 2.0-2.5 Ghz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	No	No
Synology	DS218J	ARMv7 (Armada 385) 1.3GHz	No	No	No	No	No	No	No	No	No	No	No	No
Synology	DS218play	ARMv8 (Realtek 1296) 1.4Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Synology	DS418	ARMv8 (Realtek 1296) 1.4Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Synology	DS418j	ARMv8 (Realtek 1293) 1.4Ghz	Yes	Yes	Some	No	No	No	No	No	No	No	No	No
Synology	DS418play	x64 (Celeron J3355) 2.0-2.5 Ghz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	No	No
Synology	DS718+	x64 (Celeron J3455) 1.5-2.3 Ghz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	No
Synology	DS918+	x64 (Celeron J3455) 1.5-2.3 Ghz	Yes	Yes	Some	No	No	Yes	Yes	Yes	SDR Only	H.264 Output	H.264 Output	No
Synology	DS1618+	x64 (Atom C3538) 2.1 GHz	Yes	Some	Some	No	No	No	No	No	No	No	No	No
Synology	RS818+ / RS818RP+	x64 (Atom C2538) 2.4 Ghz	Yes	Some	Some	No	No	No	No	No	No	No	No	No
x17 Series														
Synology	DS1517	ARMv7 (Alpine 314) 1.4 Ghz	No	No	No	No	No	No	No	No	No	No	No	No
Synology	DS1517+	x64 (Atom C2538) 2.4 Ghz	Yes	Some	Some	No	No	No	No	No	No	No	No	No
Synology	DS1817+	x64 (Atom C2538) 2.4 Ghz	Yes	Some	Some	No	No	No	No	No	No	No	No	No
Synology	DS3617xs	x64 (Xeon D-1527) 2.2-2.7 Ghz	Yes	Yes	Yes	Some	No	No	No	No	No	No	No	No
Synology	FS2017	x64 (Xeon D-1541) 2.1-2.7 Ghz	Yes	Yes	Yes	Some	No	No	No	No	No	No	No	No
Synology	FS3017	x64 (Xeon E5-2620 v3) 2.4 Ghz	Yes	Yes	Yes	Some	No	No	No	No	No	No	No	No
Synology	RS3617xs	x64 (Xeon E3-1230 v2) 3.3 Ghz	Yes	Yes	Yes	Some	No	No	No	No	No	No	No	No
Synology	RS3617RPxs	x64 (Xeon E3-1521) 2.4-2.7 Ghz	Yes	Yes	Yes	Some	No	No	No	No	No	No	No	No
Synology	RS3617xs+	x64 (Xeon D-1531) 2.2-2.7 Ghz	Yes	Yes	Yes	Some	No	No	No	No	No	No	No	No
Synology	RS4017xs+	x64 (Xeon D-1541) 2.1-2.7 Ghz	Yes	Yes	Yes	Some	No	No	No	No	No	No	No	No
Synology	RS18017xs+	x64 (Xeon D-1531) 2.2-2.7 Ghz	Yes	Yes	Yes	Some	No	No	No	No	No	No	No	No
x16 Series														
Synology	DS116	ARMv7 (Armada 385) 1.8GHz	No	No	No	No	No	No	No	No	No	No	No	No
Synology	DS216	ARMv7 (Armada 385) 1.3GHz	No	No	No	No	No	No	No	No	No	No	No	No
Synology	DS216+	x64 (Celeron N3050) 1.6GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No
Synology	DS216+II	x64 (Celeron N3060) 1.6GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No
Synology	DS216j	ARMv7 (Armada 385) 1.0GHz	No	No	No	No	No	No	No	No	No	No	No	No
Synology	DS216play	ARMv7 (STM STiH412) 1.5GHz	No	No	No	No	No	No	No	No	No	No	No	No
Synology	DS216se	ARMv7 (Armada 370) 0.8GHz	No	No	No	No	No	No	No	No	No	No	No	No
Synology	DS416	ARMv7 (Alpine AL-212) 1.4GHz	No	No	No	No	No	No	No	No	No	No	No	No
Synology	DS416j	ARMv7 (Armada 385) 1.3GHz	No	No	No	No	No	No	No	No	No	No	No	No
Synology	DS416play	x64 (Celeron N3060) 1.6GHz	Yes	Yes	Some	No	No	Yes	Yes	Yes	No	No	No	No

NAS Device			Software Transcoding					Hardware - Accelerated Transcoding						
PassMark CPU Benchmarks			(Plex Pass and 64-bit version required)											
Manufacturer	Model	CPU Model	SD (480p / 576p)	HD (720p)	HD (1080p)	H264 / HEVC SDR (2160p)	HEVC UHD (2160p)	SD (480p / 576p)	HD (720p)	HD (1080p)	H264 (2160p)	HEVC SDR (2160p)	HEVC HDR (2160p)	External GPU Support
Western Digital	My Cloud DL4100	x86 (Atom C2350) 1.7Ghz	Yes	Some	No	No	No	No	No	No	No	No	No	No
Western Digital	My Cloud EX2	ARMv7 (Armada 370) 1.2Ghz	No	No	No	No	No	No	No	No	No	No	No	No
Western Digital	My Cloud EX2 Ultra	ARMv7 (Armada 385) 1.2Ghz	No	No	No	No	No	No	No	No	No	No	No	No
Western Digital	My Cloud EX2100	ARMv7 (Armada 385) 1.3Ghz	No	No	No	No	No	No	No	No	No	No	No	No
Western Digital	My Cloud EX4100	ARMv7 (Armada 388) 1.6Ghz	No	No	No	No	No	No	No	No	No	No	No	No
Western Digital	My Cloud Home	ARMv8 (Realtek RTD1195)	Yes	Yes	Yes	No	No	Yes*	Yes*	Yes*	No	No	No	No
Western Digital	My Cloud Home Duo	ARMv8 R(ealtek RTD1195)	Yes	Yes	Yes	No	No	Yes*	Yes*	Yes*	No	No	No	No
Western Digital	My Cloud Mirror Gen1	ARMv7 (Armada 370) 1.2Ghz	No	No	No	No	No	No	No	No	No	No	No	No
Western Digital	My Cloud Mirror Gen2	ARMv7 (Armada 385) 1.3Ghz	No	No	No	No	No	No	No	No	No	No	No	No
Western Digital	My Cloud Pro PR2100	x64 (Pentium N3710)	Yes	Yes	Some	No	No	Yes*	Yes*	Yes*	No	No	No	No
Western Digital	My Cloud Pro PR4100	x64 (Pentium N3710)	Yes	Yes	Some	No	No	Yes*	Yes*	Yes*	No	No	No	No
Western Digital	My Passport Wireless Pro	ARMv8 (Realtek RTD1195)	No	No	No	No	No	No	No	No	No	No	No	No

Legend (see additional notes attached to cells)

Yes	Can transcode at least 1 video of this type without stuttering
No	Cannot transcode any videos of this type without stuttering
Some	May or may not be able to transcode videos of this type. Success dependent on material used.
H.264 Output	Can decode at least 1 video stream with hardware, encoding to H.264
SDR Only	Can decode at least 1 video with hardware - bt709, encoding to H.264
Syno: FAQ #26	Due to an Intel bug - Will function conditional on applying special temporary option. Syno FAQ #26
QNAP: FAQ #29	Due to an Intel bug - Will function conditional on applying special temporary option. QNAP FAQ #29
Caution	This model has severe limitations. Caution is advised. CPU below 700 Passmark minimum.
Discontinued	This model is no longer supported because it does not meet the minimum requirements

