

Name	Properties			Monero Variant	Nicehash	ASIC	Ancestor	Cryptocurrencies	Description	SRBMiner Cryptonight AMD GPU Miner	XMR-Stak	XMRigCC (GPU only)	XMRig	Simple Miner	sgminer (ATI)	Claymore (ATI)	BxB-Miner (CPU/AMD)	
	Page Size, KiB	Scratchpad, KiB	Iterations															
analysis performed by GRAFT.Network																		
CryptoNight	2048	2048	524288	0	+ -0.23 GH/s	+	-	[3] Bytecoin, Karbo, DigitalNote		+ as Cryptonight	+ as cryptonight	+ as cryptonight+0	+ as cryptonight/0	+ CPU/GPU	+ as cryptonight		+	
CryptoNight V7 (aka CryptoNight V1 or CryptoNight Monero or CryptoNight MoneroV7)	2048	2048	524288	1	+ ~8 MH/s	+	CryptoNight	[1] Electroneum		+ as Cryptonight V7	+ as cryptonight_v7, intense, qrl	+ as cryptonight+1	+ as cryptonight/1		+ as moneroV7		+	
CryptoNight V8 (aka CryptoNight V2 or CryptoNight MoneroV8)	2048	2048	524288	2	+ ~18.5 MH/s	-	CryptoNight	[2] Monero, Graft		+ as Cryptonight V8	+ as cryptonight_v8, monero, graft	+ as cryptonight+2	+ as cryptonight/2	+ CPU/GPU			+	
CryptoNight Heavy	4096	4096	262144	0	+ ~4.7 MH/s	-	CryptoNight	[3] Sumokoin, Loki, RyoCurrency		+ as Cryptonight Heavy	+ as cryptonight_heavy, ryo	+ as cryptonight-heavy	+ as cryptonight-heavy	+ CPU/GPU			+	
CryptoNight Haven	4096	4096	262144	0	-	-	CryptoNight Heavy	[1] Haven	CryptoNight Heavy with a small tweak (https://github.com/fireice-uk/xmr-stak/blob/master/xmrstak/backend/nvidia/mvcc_code/cuda_core.cu#L672)	+ as Cryptonight Haven	+ as cryptonight_haven, haven	+ as cryptonight-heavy+xhv	+ as cryptonight-heavy/xhv	+ CPU			+	
CryptoNight Lite	2048	1024	262144	0	-	-	CryptoNight			+ as Cryptonight Lite	+ as cryptonight_lite	+ as cryptonight-lite+0	+ as cryptonight-lite/0				+	
CryptoNight Lite V1 (aka CryptoNight Lite V7, CryptoNight Aeon)	2048	1024	262144	1	-	-	CryptoNight V7 & CryptoNight Lite			+ as Cryptonight Lite V7	+ as cryptonight_lite_v7, aeon7, bbcoin, turtlecoin	+ as cryptonight-lite+1	+ as cryptonight-lite/1	+ CPU			+	
CryptoNight IPBC		1024	262144		-	-	CryptoNight Lite V1		CryptoNight Aeon with a small tweak (https://github.com/fireice-uk/xmr-stak/blob/master/xmrstak/backend/nvidia/mvcc_code/cuda_core.cu#L639)		+ as cryptonight_lite_v7_x or	+ as cryptonight-lite+ipbc	+ as cryptonight-lite/ipbc				+	
CryptoNight V7 Stellite	2048	2048	524288		-	-	CryptoNight V7		CryptoNight MoneroV7 with one tiny change (https://github.com/fireice-uk/xmr-stak/blob/master/xmrstak/backend/nvidia/mvcc_code/cuda_core.cu#L606)		+ as cryptonight_v7_stellite, stellite		+ as cryptonight/xtl					
CryptoNight Masari (aka CryptoNight Fast)	2048	2048	262144		-	-	CryptoNight V7		CryptoNight MoneroV7 with smaller number of iterations	+ as Cryptonight Fast	+ as cryptonight_masari, masari	+ as cryptonight+msr	+ as cryptonight/msr	+ CPU/GPU			+	
CryptoNight Bittube2	4096	4096	262144	1	-	-	CryptoNight Heavy & CryptoNight V7		CryptoNight Heavy with own aes-round implementation and other tweaks (https://github.com/fireice-uk/xmr-stak/blob/master/xmrstak/backend/nvidia/mvcc_code/cuda_core.cu#L550) https://github.com/fireice-uk/xmr-stak/blob/master/xmrstak/backend/nvidia/mvcc_code/cuda_core.cu#L639	+ as Cryptonight BitTubeV2	+ as cryptonight_bittube2, bittube		+ as cryptonight-heavy/tube	+ CPU				
CryptoNight SuperFast	2048	2048	131072		-	-	CryptoNight Haven				+ as cryptonight_superfast, freehavin							
CryptoNight Adaptive					adaptive	-	+	CryptoNight										
CryptoNight Soft Shell	scratchpad	adaptive	adaptive		-	+		CryptoNight Adaptive										
CryptoNight Dark	512	512	262144		-	+		CryptoNight		+ as Cryptonight Dark								
CryptoNight Dark Lite					-	+		CryptoNight Dark & CryptoNight Lite										
CryptoNight Turtle	256	256	131072		-	-		CryptoNight		+ as Cryptonight Turtle								
CryptoNight Turtle Lite					-	-		CryptoNight Turtle & CryptoNight Lite										
CryptoNight Alloy					-	-				+ as Cryptonight Alloy		+ as cryptonight+alloy	+ as cryptonight/xao	+ CPU			+	
CryptoNight Arto	2048	1024	262144	1	-	-	CryptoNight Lite V1		CryptoNight Lite V1 with a small tweak (https://github.com/artocash/arto-miner/blob/v2.7.1/xmrstak/backend/nvidia/mvcc_code/cuda_core.cu#L639)	+ as Cryptonight ArtoCash		+ as cryptonight+arto	+ as cryptonight/arto					
CryptoNight B2N					-	-				+ as Cryptonight B2N								
CryptoNight Fast2					-	-				+ as Cryptonight Fast2								
CryptoNight Fest					-	-				+ as Cryptonight Fest								
CryptoNight Hospital					-	-				+ as Cryptonight Hospital								
CryptoNight Hycon					-	-				+ as Cryptonight Hycon								
CryptoNight Italo					-	-				+ as Cryptonight Italo								
CryptoNight MarketCash					-	-				+ as Cryptonight MarketCash								
CryptoNight Red					-	-				+ as Cryptonight Red								
CryptoNight StelliteV4					-	-				+ as Cryptonight StelliteV4		+ as cryptonight+xtl		+ CPU				
CryptoNight StelliteV5-V6-V9					-	-				+ as Cryptonight StelliteV5-V6-V9		+ as cryptonight+xtlv9						
CryptoNight Swap					-	-				+ as Cryptonight Swap								
CryptoNight Upx (aka CryptoNight Lite uPlexa)					-	-				+ as Cryptonight Upx		+ as cryptonight-lite+upx						
CryptoNight Webchain					-	-				+ as Cryptonight Webchain								
CryptoNight Heavy SuperFast					-	-						+ as cryptonight-heavy+xfh						
CryptoNight Heavy Bittube v4					-	-	CryptoNight Heavy					+ as cryptonight-heavy+tube						
CryptoNight Ultralite (aka CryptoNight Ultralite Turtle ?= CryptoNight Turtle Lite)					-	-						+ as cryptonight-ultralite						
CryptoNight V2 Half	2048	2048	262144	2	-	-	CryptoNight V8	Masari	CryptoNight variant 2 with half iterations.					+ as cryptonight/half				