

HASHRATE STOCK	Nvidia Titan V	Nvidia GeForce GTX 1080 Ti	Nvidia GeForce GTX 1080	Nvidia GeForce GTX 1070 Ti	Nvidia GeForce GTX 1070	Nvidia GeForce GTX 1060 6GB	Nvidia GeForce GTX 1060 3GB	Nvidia GeForce GTX 1050 Ti	Nvidia GeForce GTX 980 Ti	Nvidia GeForce GTX 980	AMD Radeon RX Vega 64	AMD Radeon RX Vega 56	AMD Radeon RX 580
Keccak	1465	1196	897	861	679	477	432	270	580	393	738	569	289
NeoScript	1799	1375	1018	1096	907	694	64	0.404	0.589	0.621			
Lyra2REv2	44	62	45.22	34.2	43.55	34.2	19.3	12.69	19.9	23.98			
DaggerHashimoto	68.6	32.04	21	28.45	27.7	19.5	19.7	12.8	2.56	2.82	37.5	32.5	24.4
Decred	5167	4165	3085	2994	2318	1675	1554	972	1889	1542	2729	2090	134
CryptoNight	0.1108	0.0767	0.0524	0.0617	0.0627	0.0441	0.0437	0.0298	0.0631	0.0482	0.18	0.17	0.07
Lbry	661	446	342	333	257	181	165	101	204	161	292	229	152
Equihash	671.9	672.6	496.8	462.9	422	289.1	273.1	168.2	382.5	307.9	477	423	259.9
Pascal	2720	1683	1198	1158	894	618	566	348	859	645	1405	1219	710
X11Gost	272	18.9	14	13.8	11	7.5	7.3	4.439	10.9	8.43	12.3	10.1	7.8
Sia	3760	2832	2069	2013	1540	1094	1022	635	1372	1139	2231	1770	1039
Blake2s	6607	5828	4213	4347	3441	2488	2212	1413	3006	2611			
Skunk	51.1	48.3	35.44	34.4	27	18.2	17.13	10.68	22.9	16.9	42.1	34.1	19.1
Lyra2Z	6.215	2.826	2.03	1.975	1.56	1.06	0.95	0.59	1.142	0.869	1.12	1.01	0.43
X17	23.4	14.9	10.9	10.9	8.7	6.3	5.8	3.63	7.58	6.1			
Geomean performance stock	168	115	83	84	70	49	46	29	50	40	91	76	44
POWER STOCK	Nvidia Titan V	Nvidia GeForce GTX 1080 Ti	Nvidia GeForce GTX 1080	Nvidia GeForce GTX 1070 Ti	Nvidia GeForce GTX 1070	Nvidia GeForce GTX 1060 6GB	Nvidia GeForce GTX 1060 3GB	Nvidia GeForce GTX 1050 Ti	Nvidia GeForce GTX 980 Ti	Nvidia GeForce GTX 980	AMD Radeon RX Vega 64	AMD Radeon RX Vega 56	AMD Radeon RX 580
Keccak	147	252	180	178	143	121	125	69	253	167	291	220	162
NeoScript	168	247	178	176	143	118	151	85	202	174			
Lyra2REv2	95	235	167	170	134	106	97	58	215	165			
DaggerHashimoto	118	200	120	136	132	103	100	59	131	75	287	219	163
Decred	149	251	178	176	138	121	119	69	202	175	294	213	150
CryptoNight	113	134	78	82	75	57	56	34	113	56	252	216	127
Lbry	151	250	178	180	140	115	110	62	207	151	298	217	189
Equihash	160	251	178	176	150	118	111	63	258	175	288	219	161
Pascal	154	291	180	174	138	109	100	59	229	161	271	217	173
X11Gost	165	234	158	157	126	119	116	65	199	175	289	218	155
Sia	161	251	180	179	138	122	125	75	216	172	294	218	172
Blake2s	133	291	180	177	138	122	126	67	202	173			
Skunk	117	236	167	172	133	112	105	61	209	155	291	216	146
Lyra2Z	83	136	84	83	74	54	54	32	81	79	230	219	131
X17	161	293	142	145	115	102	106	62	217	158			
Average power cons. stock	138	222	153	154	126	105	102	59	191	140	280	217	157
Geomean efficiency stock	1.2	0.5	0.5	0.5	0.6	0.5	0.4	0.5	0.3	0.3	0.3	0.3	0.3
HASHRATE LIMIT 70%	Nvidia Titan V	Nvidia GeForce GTX 1080 Ti	Nvidia GeForce GTX 1080	Nvidia GeForce GTX 1070 Ti	Nvidia GeForce GTX 1070	Nvidia GeForce GTX 1060 6GB	Nvidia GeForce GTX 1060 3GB	Nvidia GeForce GTX 1050 Ti	Nvidia GeForce GTX 980 Ti	Nvidia GeForce GTX 980	AMD Radeon RX Vega 64	AMD Radeon RX Vega 56	AMD Radeon RX 580
Keccak	1473	1095	794	784	609	431	407	246	544	398	644	507	255
NeoScript	1778	1219	927	978	794	572	554	333	579	443			
Lyra2REv2	43.34	55.8	41.1	40.4	31.5	20.7	20.1	12.2	29.5	22.3			
DaggerHashimoto	66.6	32	21	26.5	27.6	19.5	19.5	12.6	2.5	2.8	37.5	32.6	24.9
Decred	5119	3738	2770	2746	2209	1539	1489	916	1737	1367	2528	1872	1261
CryptoNight	0.1106	0.0765	0.0524	0.0617	0.0627	0.0441	0.0431	0.0299	0.0624	0.0483	0.18	0.17	0.07
Lbry	660	406	310	305	237	169	158	97.48	193	150	252	206	132
Equihash	794.8	630	465.5	459	386	271.1	263	159.41	331.5	263.9	442.4	382	261
Pascal	2720	1505	1109	1082	834	583	534	340	776	584	1320	1113	625
X11Gost	268.8	17.1	13	12.6	10.1	4.9	4.8	4.02	9.21	7.28	12	9.7	7.7
Sia	3760	2501	1827	1803	1397	992	985	558	1267	978	1933	1586	961
Blake2s	6602	5297	3930	4010	3069	2277	2136	1346	2848	2287			
Skunk	51.2	43.8	32.4	31.37	24.7	17.1	16.3	9.712	19.3	16.4	38.5	30.9	19.7
Lyra2Z	6.19	2.83	2.1	1.958	1.56	1.06	0.95	0.595	1.15	0.87	1.1	0.98	0.446
X17	23.3	13.7	10	10.2	8.2	5.71	5.42	3.34	7.2	5.5			
Geomean performance power limit 70%	166	106	78	79	66	44	42	27	46	37	85	71	42
POWER LIMIT 70%	Nvidia Titan V	Nvidia GeForce GTX 1080 Ti	Nvidia GeForce GTX 1080	Nvidia GeForce GTX 1070 Ti	Nvidia GeForce GTX 1070	Nvidia GeForce GTX 1060 6GB	Nvidia GeForce GTX 1060 3GB	Nvidia GeForce GTX 1050 Ti	Nvidia GeForce GTX 980 Ti	Nvidia GeForce GTX 980	AMD Radeon RX Vega 64	AMD Radeon RX Vega 56	AMD Radeon RX 580
Keccak	145	179	126	126	105	45	42	52	178	86	202	159	122
NeoScript	176	179	125	126	106	83	87	50	182	121			
Lyra2REv2	101	172	122	120	100	85	84	52	160	85			
DaggerHashimoto	146	179	125	125	106	84	82	57	131	120	204	160	140
Decred	155	178	125	125	106	84	82	55	179	85	205	154	133
CryptoNight	112	134	81	80	77	55	55	35	135	56	203	160	133
Lbry	153	179	125	125	105	84	86	53	182	84	206	159	134
Equihash	151	179	125	125	106	85	85	50	183	121	177	158	139
Pascal	154	178	126	125	105	84	83	52	181	85	208	160	133
X11Gost	168	172	124	121	100	67	68	47	182	122	205	158	133
Sia	168	179	126	125	105	85	82	54	183	121	206	159	132
Blake2s	136	179	126	125	105	85	86	56	181	121			
Skunk	118	137	122	121	104	80	81	45	182	85	207	158	131
Lyra2Z	83	135	86	79	73	52	50	32	127	80	203	159	139
X17	161	155	115	113	93	74	72	47	183	122			
Average power cons. power limit 70%	141	166	117	116	99	73	73	48	168	95	202	159	134
Geomean efficiency power limit 70%	1.2	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.3	0.4	0.4	0.4	0.3
HASHRATE +100 +300	Nvidia Titan V	Nvidia GeForce GTX 1080 Ti	Nvidia GeForce GTX 1080	Nvidia GeForce GTX 1070 Ti	Nvidia GeForce GTX 1070	Nvidia GeForce GTX 1060 6GB	Nvidia GeForce GTX 1060 3GB	Nvidia GeForce GTX 1050 Ti	Nvidia GeForce GTX 980 Ti	Nvidia GeForce GTX 980	AMD Radeon RX Vega 64	AMD Radeon RX Vega 56	AMD Radeon RX 580
Keccak	1658	1274	924	883	693	489	456	282	637	481	738	570	310
NeoScript	2.04	1.464	1.05	1.118	0.931	0.662	0.677	0.42	0.714	0.624			
Lyra2REv2	50.1	64.6	46.7	45.12	35.4	22.2	20.2	13.2	35.2	26.7			
DaggerHashimoto	76.6	34.1	22.5	28.7	29.9	21.2	21.3	13.1	2.8	3	39.8	36.8	29.8
Decred	5768	4258	3154	3100	2405	1731	1633	1025	2138	1625	2880	2098	1209
CryptoNight	0.142	0.0815	0.0561	0.0667	0.0674	0.0476	0.0472	0.029	0.0742	0.0523	0.195	0.18	0.078
Lbry	751	465	354	345	267	189	173	108	222	172	290	225	137
Equihash	9947	706.1	531.8	501.8	444.6	302.8	287.1	173.8	434.5	328.3	482	428	250
Pascal	2720	1734	1249	1208	931	642	589	363	942	705	1417	1218	645
X11Gost	32.3	20	14.5	14.4	11.2	8.65	7.75	4.7	11.6	8.21	12.3	10.7	7.4
Sia	4258	2935	2124	2083	1586	1134	1076	673	1607	1199	2231	1691	992
Blake2s	7501	6915	4427	4492	3478	2580	2329	1494	3540	2762			
Skunk	57.14	50.9	38.8	35.4	27.5	19.36	17.89	11.3	23.86	18.92	42.9	30.9	19.5
Lyra2Z	7.14	2.98	2.14	2.06	1.63	1.11	0.995	0.62	1.26	0.935	1.15	1.101	0.477
X17	26.6	15.5	11.2	11.3	9.16	6.54	6.06	3.83	8.88	6.5			
Geomean performance overclocked	190	120	87	88	73	51	48	30	55	43	93	77	44
POWER LIMIT +100 +300	Nvidia Titan V	Nvidia GeForce GTX 1080 Ti	Nvidia GeForce GTX 1080	Nvidia GeForce GTX 1070 Ti	Nvidia GeForce GTX 1070	Nvidia GeForce GTX 1060 6GB	Nvidia GeForce GTX 1060 3GB	Nvidia GeForce GTX 1050 Ti	Nvidia GeForce GTX 980 Ti	Nvidia GeForce GTX 980	AMD Radeon RX Vega 64	AMD Radeon RX Vega 56	AMD Radeon RX 580
Keccak	161	258	180	178	142	122	123	73	259	175			