

Ethereum Mining Profitability & Scenario Analysis (AMD)

Prepared on: August 30, 2021

*All dollar amounts in CAD

Current	Electricity Cost (¢/kWh)			10.325			ETH Price			3997			Daily Blocks			6489			¢/MH/Day			9.72333		
	Network Hashrate (TH/s)			644.36			Daily Reward			15675			Block Reward			2.416								
	Card	470	480	570	580	590	5500XT	5600XT	5700	5700XT	6700XT	6800	6800XT	6900XT	Vega56	Vega64	VII							
	Revenue/Day	2.96	2.96	2.97	3.04	2.99	2.53	3.60	5.20	5.32	4.57	6.16	6.26	6.22	3.75	4.57	8.80							
	Hashrate (MH/s)	30.4	30.4	30.5	31.3	30.8	26.0	37.0	53.5	54.7	47.0	63.4	64.4	64.0	38.6	47.0	90.5							
	Power Usage (W)	120	130	130	130	130	70	100	160	140	170	175	190	220	215	220	220							
	El. Costs (\$ /Day)	0.30	0.32	0.32	0.32	0.32	0.17	0.25	0.40	0.35	0.42	0.43	0.47	0.55	0.53	0.55	0.55							
	Gross Profit/Day ¹	2.66	2.63	2.64	2.72	2.67	2.35	3.35	4.81	4.97	4.15	5.73	5.79	5.68	3.22	4.02	8.25							
	Market Price ²	500	500	500	500	500	500	650	900	950	800	1300	1700	1600	700	850	2100							
	Efficiency (kH/s/W)	253	234	235	241	237	371	370	334	391	276	362	339	291	180	214	411							
	ROI Time (Days)	188	190	189	184	187	212	194	187	191	193	227	294	282	217	211	254							
	Annual Returns ³	194%	192%	193%	199%	195%	172%	188%	195%	191%	189%	161%	124%	130%	168%	173%	143%							

EIP- 1559	Discount	17%															
	Card	470	480	570	580	590	5500XT	5600XT	5700	5700XT	6700XT	6800	6800XT	6900XT	Vega56	Vega64	VII
	Revenue/Day (CAD)*	2.45	2.45	2.46	2.52	2.48	2.09	2.98	4.31	4.40	3.78	5.10	5.18	5.15	3.11	3.78	7.29
	Gross Profit/Day (CAD)	2.15	2.13	2.13	2.20	2.16	1.92	2.73	3.91	4.06	3.36	4.67	4.71	4.61	2.57	3.24	6.74
	ROI Time (days)	233	235	234	228	232	260	238	230	234	238	278	361	347	272	262	312
	Annual Returns	157%	155%	156%	160%	157%	140%	153%	159%	156%	153%	131%	101%	105%	134%	139%	117%

Crash	Discount	94%															
	Card	470	480	570	580	590	5500XT	5600XT	5700	5700XT	6700XT	6800	6800XT	6900XT	Vega56	Vega64	VII
	Revenue/Day (CAD)*	0.17	0.17	0.18	0.18	0.18	0.15	0.21	0.31	0.31	0.27	0.36	0.37	0.37	0.22	0.27	0.52
	Gross Profit/Day (CAD)	-0.12	-0.15	-0.15	-0.14	-0.15	-0.02	-0.04	-0.09	-0.03	-0.15	-0.07	-0.10	-0.18	-0.31	-0.28	-0.03
	ROI Time (days)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Annual Returns	-9%	-11%	-11%	-10%	-11%	-2%	-2%	-4%	-1%	-7%	-2%	-2%	-4%	-16%	-12%	0%

Correct	Discount	65%															
	Card	470	480	570	580	590	5500XT	5600XT	5700	5700XT	6700XT	6800	6800XT	6900XT	Vega56	Vega64	VII
	Revenue/Day (CAD)*	1.02	1.02	1.02	1.05	1.03	0.87	1.24	1.80	1.84	1.58	2.13	2.16	2.15	1.30	1.58	3.04
	Gross Profit/Day (CAD)	0.72	0.70	0.70	0.73	0.71	0.70	0.99	1.40	1.49	1.16	1.69	1.69	1.60	0.76	1.03	2.49
	ROI Time (days)	692	716	713	686	703	715	654	643	638	692	767	1005	998	918	823	843
	Annual Returns	53%	51%	51%	53%	52%	51%	56%	57%	57%	53%	48%	36%	37%	40%	44%	43%