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Ethereum Cloud Mining Calculator Bitcoin To Dollars

It's not worth it But the Price of ETH is going to double! Then buy ETH directly.. So I based on 2016 I think a 1,000% increase in hashing power is a good conservative guesstimate.. Then the profit will be \$3.2 after a year IF THE NETWORK HASHING POWER STAYS THE SAME.. We will highlight some of the risks and rewards of buying the 2 year maintenance free Ethereum contract (for other guides check out Bitcoin, Litecoin, and DASH).. If mining isn't profitable unless the currency goes up, then one is better off buying the currency outright.. You'd mine about 45 ETH worth \$22.88 Small winner If Network Hashing Power Goes Up You Start to Lose So what I hope this shows is that if the hashing power goes up, which in the case of Ethereum (and I suspect most coins as well) the amount of coins mined will drop and the profits will be eroded.

76 With a 1000% network hashrate increase you'd have only mined 0.283956 which would be worth \$27.3 ETH worth \$14.66 You still lose What if the network hashing power only goes up 100% to about 45200 GH/s? You'd mine about.. Take the amount we think we'll mine in the first month In this case 0.43093 Then take the amount we'll think we'll mine in the last month,.. Factoring in the growth rate of block difficulty is the most important factor when determining cloud mining profitability.. So we need a realistic estimate of how much the hashing power (and thus mining difficulty) will go up over a 12 month period.. Given the history of network hashrate increases that isn't worth it I can get will no market risk.. As of 23 April 2017 Hashflare.io is selling 100 KH/s for 2.20 USD That is 1 MH/s for 22 USD.. As of writing there is a network hashrate of 5398704 GH/s, a blocktime of 13.31 and one ETH going for 48.

004233 Subtract the first from the last Then divide that by 11 From that point you take the starting value of.. Easy Method If you believe network hashing power will continue to go up then use this method to determine if mining is even worth a closer evaluation: use the static mining profitability calculator.. 99 Who knows where the network hash rate will be in 2 years Some People Claim Cloud Mining is Profitable I have read testimonials from people who think cloud mining is profitable.. Find out if it's profitable to mine Ethereum Do you think you've got what it takes to join the tough world of cryptocurrency mining? This article outlines the Daily, monthly and annual yields of Genesis Mining Ethereum (ETHER) contracts.. Because the network hashing power has historically gone up and gone up A LOT Ethereum Block Difficulty Growth Since 30 July 2015 In the first four months of 2017 alone, mining difficulty for Ethereum has gone up over 200% from under 100 TH/s up to nearly 300 TH/s.. For example Hashflare.io is selling 1 MH/s for 22 USD for a year That would yield 0.. In 2016 the Ethereum network hashrate went from 511 GH/s to 5,700 GH/s A 1,015% increase.. That means the hashing power would be around 230,000 GH/s by April of 2018.. So then we follow step 1 again using the static calculator Using the 1 MH/s and a network hashrate of 230,000 GH/s.. 61 Unless the mining is profitable with the price of ETH fixed, you're better off owning the currently directly even if the price of the currency goes up.

Assumptions: I'm assuming the price of ETH is static Because if it goes up, that is simply a bonus.. Step Two of How to Calculate Cloud Mining Profitability Projecting how much the network hashrate will increase over the life of the cloud mining contract is vitally important.. Network Mining Difficulty Goes Up If you stop with this static analysis you'll surely lose money though.. I think an exponential decay model fits the data better but for the sake of ease I think a linear model will suffice.. From April 2016 at 1752 GH/s to April 2017 of 20,300 GH/s was a 1,058% increase.. Which means the amount of ETH mined for anyone with fixed hashing power will have been reduced by over 66%.. You need to make a realistic estimate of how the network hashrate will increase because it will reduce the amount you get from mining each day.

Use a static calculator first This will provide the baseline static analysis For Ethereum I like.. With 1 GH/s costing 22 USD, if the network hashing power stays the same I would still only make about 15%.. Unless you're going to get ETH (or whichever other coin) at a significant discount using the static calculation (say 40-50% below spot price).. Lets say the price of ETH does double in a year It goes from 48.63 USD today up to \$97.. You do this again until you get to month 12 By summing up each

month's value we get 0.. Use the amount of ETH mined and the cost of the mining contract to see how much you're effectively paying per ETH.. I also think a simplified method works because the cloud mining rates I've seen are not close to what they would need to be for mining to be profitable.. The chart above shows the In this example, Hashflare io contracts run in 12 month increments.. Step One of How to Calculate Cloud Mining Profitability First you need to know how much the cloud mining will cost per unit of hashing power.. But the amount mined doesn't jump down from the first month to the last month The amount mined is slowly and steadily decreasing.. Today I wanted to cover how to calculate cloud mining profitability I had a recent comment on my article: that I'm concerned perpetuates the kind of static analysis that will cause someone to lose money on cloud mining.. 63 USD So with 1 MH/s I would earn 0.043093 ETH per month, worth 2.10 USD per month.. 26 You could have bought \$22 worth of ETH (45 ETH) and the \$22 worth of ETH would now be worth \$43.. The monthly ETH mined would be 0.004233 worth \$ 21 Step Three of How to Calculate Cloud Mining Profitability So at this point we have a projection of how much we'll get from mining in the first month.. This was the first 12 months of the Ethereum network coming online so I think this number is too high.. You'd end up losing \$8.2 Okay, what if the network hashing power only goes up 500% so it goes up to 135,600 GH/s after one year? You'd mine about.. Find out what your expected ETH and USD return is depending on your hash rate, power consumption and electricity cost.. 0.043093 subtract the decay amount 0.003943 to get the second months value of 0.039149.. Multiply that by 12 and the total ETH mined (0.517116) would be worth \$25.2 So if the price of ETH stays the same (which for the purpose of the static analysis we will assume it will), and the network hashing power stays the same.. At what price would cloud mining be worth it? As of today 23 April 2017, based on a 1000% increase in hashing power over the next year I would not pay more than around \$7 for 1 GH/s of hashing power.. So the cost per ETH would be 42.54 USD With ETH trading at 48.63 USD that is only a 14% discount over a year.. And how much we'll get in the last month These are just a projections based on a static analysis and a guesstimate of where mining difficulty will be in the future.. I'm going to do my analysis for Ethereum Cloud Mining However, this analysis will work for any coin that has increasing mining difficulty.. My main question would be is it profitable because the underlying cryptocurrency went up, or because the mining itself was profitable?In other words would you have been better off just owning the cryptocurrency directly?.. Hashflare io is nowhere close to \$7 per GH/s Genesis Mining offers 1 GH/s for 2 years for 29.. 0.043093 ETH per month x 12 would be 0.517116 ETH for the year mined if the network hashrate stays the same.. Based on my projections that would yield about 40% Given the risk and volatility in cryptocurrencies I would need to see that kind of return for it to be worth the risk to me.. 283956 Multiply that by the price of ETH of 48.63 USD and we get \$13.80 The contract in this example cost 22 USD so this would not be profitable if the network hashing power goes up by 1000% (as it did in 2016) and the price of ETH stays the same.. 387 ETH worth less than \$19 What if the network hashing power only goes up 35% to 30,500 GH/s.. Genesis-mining announced the return of Ethereum The problem with a static analysis is that network hashing power does NOT stay the same.. This takes some guesswork but the best indicator is the past The August 2015 hashrate of 55 GH/s to the August 2016 hashrate of 3,811 GH/s represents a 6,800% increase. e10c415e6f