

- a. Bitfury RD4

$$\sum_{i=1}^n TBE_{\text{Bitfury RD4}} = 0,0448 + 0,0468 + 0,0528 + 0,0572 = 0,2016$$
- b. Cheetah Miner F5I

$$\sum_{i=1}^n TBE_{\text{Cheetah Miner F5I}} = 0,0448 + 0,0572 + 0,0528 + 0,0572 = 0,2120$$
- c. iBeLink DSM7T Miner

$$\sum_{i=1}^n TBE_{\text{iBeLink DSM7T Miner}} = 0,0672 + 0,0520 + 0,0528 + 0,0352 = 0,2072$$
- d. Obelisk SC1 Dual

$$\sum_{i=1}^n TBE_{\text{Obelisk SC1 Dual}} = 0,0504 + 0,0416 + 0,0528 + 0,0352 = 0,1800$$
- e. Aladdin T1 16T

$$\sum_{i=1}^n TBE_{\text{Aladdin T1 16T}} = 0,0448 + 0,0468 + 0,0528 + 0,0572 = 0,2016$$

Table 5. Total Evaluation Weight

Alternative	Value
Bitfury RD4	0,2016
Cheetah Miner F5I	0,2120
iBeLink DSM7T Miner	0,2072
Obelisk SC1 Dual	0,1800
Aladdin T1 16T	0,2016

3.2 Discussion

In this research, the decision-making process for selecting the best cryptocurrency mining machine has been carried out using the calculation of the Multifactor Evaluation Process method. The decision-making process for the selection of cryptocurrency mining machines that have used the Multifactor Evaluation Process method uses a subjective factor weighting system. Then the process of determining the Evaluation Weight Value using the multiplication formula between the weight value of each alternative and the weight value of the factors shown in Table 1. Meanwhile, the process of determining the Total Evaluation Weight of each alternative is calculated by the summation formula of all the values of the Evaluation Weight Value of each alternative so that the final result is obtained for the Total Evaluation Weight as shown in Table 5. Based on the calculation results of the Multifactor Evaluation Process method, the results of alternative rankings in the selection of the best cryptocurrency mining machine are obtained as shown in the table below:

Table 6. Alternative Ranking Best Cryptocurrency Mining Machine Selection

Ranking	Alternative	Value
1	Cheetah Miner F5I	0,2120
2	iBeLink DSM7T Miner	0,2072
3	Bitfury RD4	0,2016
4	Aladdin T1 16T	0,2016
5	Obelisk SC1 Dual	0,1800

4 Conclusion

- a. The Multifactor Evaluation Process method can be used as an appropriate method to support decision making in the selection of the best cryptocurrency mining machine.

- b. The best cryptocurrency mining machine alternative out of 5 alternatives in this study is Cheetah Miner F5I (0.2120), followed by the alternatives iBeLink DSM7T Miner (0.2072), Bitfury RD4 (0.2016), Aladdin T1 16T (0.2016), and Obelisk SC1 Dual (0.1800).

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