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*This is the compiled Q&A from the knccminers open day 5th of July 2013, this is compiled by DaggeTeo at [bitcointalk.org](http://bitcointalk.org)*

*Some footage will be made available later this week. Look in forum for link.*

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1. Is the demo unit built on the final design revision that we'll see used at the time of full scale production?

Chips and PCB, yes.

Case, no. Aesthetics are not a priority, Only performance and safety (no fingers in fans, lol).

2. When will Mars begin production, if it hasn't already?

Product has been removed from product line.

Other persons questions

Was Mars delayed, what caused that delay?

The delay was due to ambition to "under promise - over deliver"

This delay has had no impacted the delivering of Jupiter.

Other question

Wondered if the Asic conversion process will you be going to directly be doing some kind of structured asic or some...?

-Marcus: Standard cell, this is a car race, it's a formula one race which is why we're going standard cell, 28nm directly. We don't have enough time to play around.

3. Has any development work yet begun on the ASIC modules?

Sam:Yes, pretty much finished. They have had their time, they have validated it, they've done it. The chip, we're talking about the chip. The stuff around it, the embed linux, the driver support, the PCB design - no. But that doesn't take that much time. The delay is the chip delivery. During that 8-10 week delivery time. That is when we sort out all of the things around it. The case being the last one of course.

Other question:

How big of a batch are you planning on the first batch?

Sam: We are not shipping in batches, this is a complete myth. We have never stated there's going to be a batch process like our competitors in china. We are simply going to manufacture and ship.

7. With their modular design, how will the ASIC units be interfaced with each other, considering that additional devices may be added at a later time?

Marcus: SPI, and SPI interface

8 Will these connected ASIC devices use a single shared network connection? What about the power?

Marcus: We can choose, it is up to the embedded Linux system that we're going to put on the device if we want to share if we want to put the ASICS in serial or if we want a dedicated SPI

connection to each chip. At this point we probably will run it in parallel just to be sure. But when and if we want to add many chips to a board we might want to use serial connection.. We can control that and adopt it.

9. Why only 50 000 SEK in startup capital?

Sam: That is the fee you have to give the government to open company.

Visitor: But that is the minimum?

Sam: Yeah but why give them the maximum which is unlimited? We need the company, need to register the name, we have two companies already. We don't need the money for the development. It doesn't mean that there isn't more money invested in this. It is just a fee to create the company. To get the organisation number and the VAT number, certificates etc.

10 Who pays for this really, how?

Orsoc and KC, the two parent companies, not taking salaries at the moment. Everything up to this point has been funded by the two parent companies.

12 Why no ORSoc ppl on the board or directors? (not even deputy directors, only KC wives or family)

Sam: We have to be careful here.... [the focus on this shifted to a forum member who's been questioning the validity of KNCminer. It has to be said KNCminer gives credit to this member that what he is doing is good.]

Andreas: We're trying to be as transparent as possible.

14. Why start KC as a consulting/hosting firm with the ORSoc people aboard?

Sam: Kennemar and Cole Ab is Sam's and Andreas' company. KNCminer is a different company. K&C Ab own a portion of KNCminer. It is a joint venture between K&C AB and ORSoc

15. Where is the real office?

Sam:K&C Ab office is officially registered at Andreas' house but we are consultants so we move between our customers. Orsoc also have an office in Västerås. The office at Regeringsgatan 111, Stockholm is the office here KNCminer is working from.

17 What about security (data/facilities)? (Why self host?) no data centers? Disaster recovery plans?

Sam: Regarding security, all of the datacenters that we are speaking to are category 3,4,5 which means dual entry, badge and a pin, or a photo entry, they also have man-traps, which means you can only go through as a single man and can't take a device through their main doors. We are all about level security. 24 hour surveillance. Huge walls, gates etc. The same security as banks, redundant power, cooling etc.

18 What about patents? Potential lawsuits?

Marcus: If they try to sue for the SHA256 I think pretty much the whole world would be in that lawsuit. It is a software code. Our device, our code, our pcb etc.

19 Are the founders insured? Does the insurance money cover losses/refunds? Is the company the beneficiary or not?

Sam: Yes we have insurance that cover all sorts of losses. It will only cover the loss of the device and not the loss of income. There are legal things that we have had to do with taking portions of the money and locking them away because technically in Sweden it cannot be classed as profit until you have your device. We as a company cannot take profit until you have your device.

20. Expecting more sales outside of Sweden than in, can they finance the VAT in-between tax return periods?

Sam: The VAT swap. If we import something from the EU we give a VAT registration number to that company and then there's no VAT added to the bin at all.

21 Project % completion?

Sam: Coding is done but specific things like cooling are not done but we are on track. The PCB has been layout logically

22. How much of the production will be financed by preorders?

Sam: Imagine this - if I go to some of my friends and say right give me 5 million dollars, they will say sure, give us all of the devices, and we'll go okay. I'll make the devices. But you own it. All of the hashing will be done by them, by the serious investors because they need their return of investment. So if we go to some of our colleagues from the finance industry and say back up, then we can't sell the devices. They'll want 6 months of use before they'll let us sell anything. This approach is fairer to the community, ie. financing through pre orders. It's all about decentralising.

23. Obviously with the Swedes' worshipping the semi-permanent sunlight they get for the summer months causing an acknowledged lackluster in productivity (according to JJ), will this in anyway affect the design and manufacture of their Saturn and Jupiter miners? And, what realistically, are the chances of having those devices delivered in September?

Sam: Asked and answered. But yeah sure, everyone likes holidays. We are working almost 24/7 on this and one guy working on PCB is going on holiday we make sure that he finishes up before he goes. As simple as that. We are on target to meet September.

Andreas: And the company isn't shutting its doors over summer just cause it would be a nice summer.

24. How can you be confident this will happen when both BFL and apparently Avalon have had

issues delaying their production beyond reasonable expectations?  
Difference in methodology most likely the answer here.

25 When is the 350gh/s Asic prototype Miner going to be out?

Marcus: We are not doing a prototype. We are going to straight to production. The prototyping part of the process has been done with the FPGA so why do a prototype?!

26. Will KNCminer support P2Pool mining?

Visitor explains to them what it is.

Sam: Then that will be something that the guys from CGminer will take care for us. Can't see why we can't look at it but it's not ready on the table.

28. Are there any potential third party hiccups that are likely to delay anything?

Sam: In the past five years you can see [his phone rings] ... definitely yes, there was a flood in thailand that delayed hard drives all over the world. There could possible be a natural disaster that could cause a delay which would affect us. Third party delays like that are rare but they do happen and we are not immune to it. Customs could effectively delay us a couple of days. Longer delays than that would have to be due to natural disasters or things of that magnitude.

Visitor: Customs, out, how will you declare this?

Sam: Electronic equipment.

Sam: UPS will handle our world shipping and will handle customs for us.

Sam: There will be no lies, we will not be playing those games , we will not declare it as a lower tax value.

Andreas: If someone found out our company would suffer.

Sam: It is business

29. What projects of similar kind have they completed before?

They show us some stuff they have worked on. They have worked with large and small companies. The names of some companies can't be mentioned.

Visitor: Question regarding mastercard visa card issue. As I have understood you aim towards professional miners /business

Sam: You guys are gonna make money out of it and therefore by definition it is a profession right?

Visitor: What I mean is people who have started a company.

Sam: **We cannot offer tax advice in your country, we are not allowed to.** What we can say is that the law states is that we don't charge VAT to companies that we sell to. We have to charge VAT based on a threshold proach to all of the european community country. So if we're

selling to a company there is no VAT, if we are selling to a person there is a VAT charge 25% VAT until we go over the independent threshold of the that country. Then we have to reduce that VAT in that country.

Andreas: We are just following the laws.

Visitor: Considering the mastercard visa thing. The 45 day buyer protection..

Sam: ... With paypal. If you pay with your mastercard I think you get six years.

Visitor: 60 days?

Sam: No no no, mastercard and visa if you have a paid, **YOU GUYS ARE GONNA HAVE TO CONFIRM THIS WITH YOUR OWN BANK RIGHT**, but there is a case, documented evidence that if you buy a ticket for an exhibition and that exhibition gets delayed if it gets delayed for up to six years you can still get your money back from mastercard. Mastercard takes all the risk in this case. So the payment protection from paypal is a 45 day buyer dispute which is typically is [inaudible] ebay auctions. We're not an ebay auction house and when you go through paypal to pay for us you're paying with your visa or mastercard. you're not technically paying with your paypal account. On your bank statement it says Kennemar and Cole because it is Kennemar and Cole financial processing. You've paid us that money, your mastercard sees Kennemar and Cole. The 45 day thing is basically because Paypal do a lot of auction sites.

Andreas: With regards to cards, we don't know for every card, so please do your own check before any kind of payments.