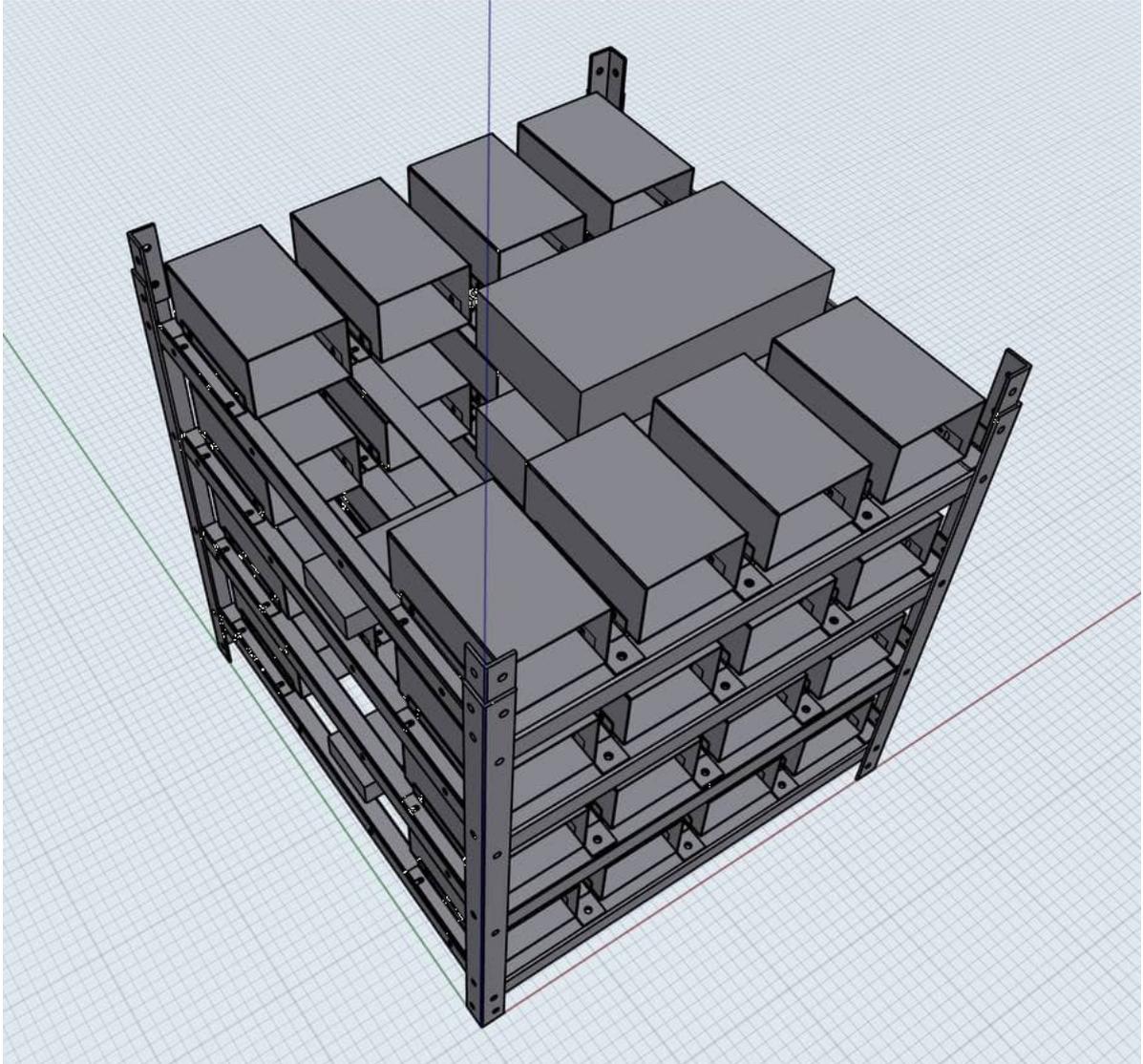


# Atomminer Cube



## 32x AM01 Mining-Rig

Fully stacked power consumption: ~400 watts (max. ~600)

Fully stacked weight: 15 kg (33 lbs)

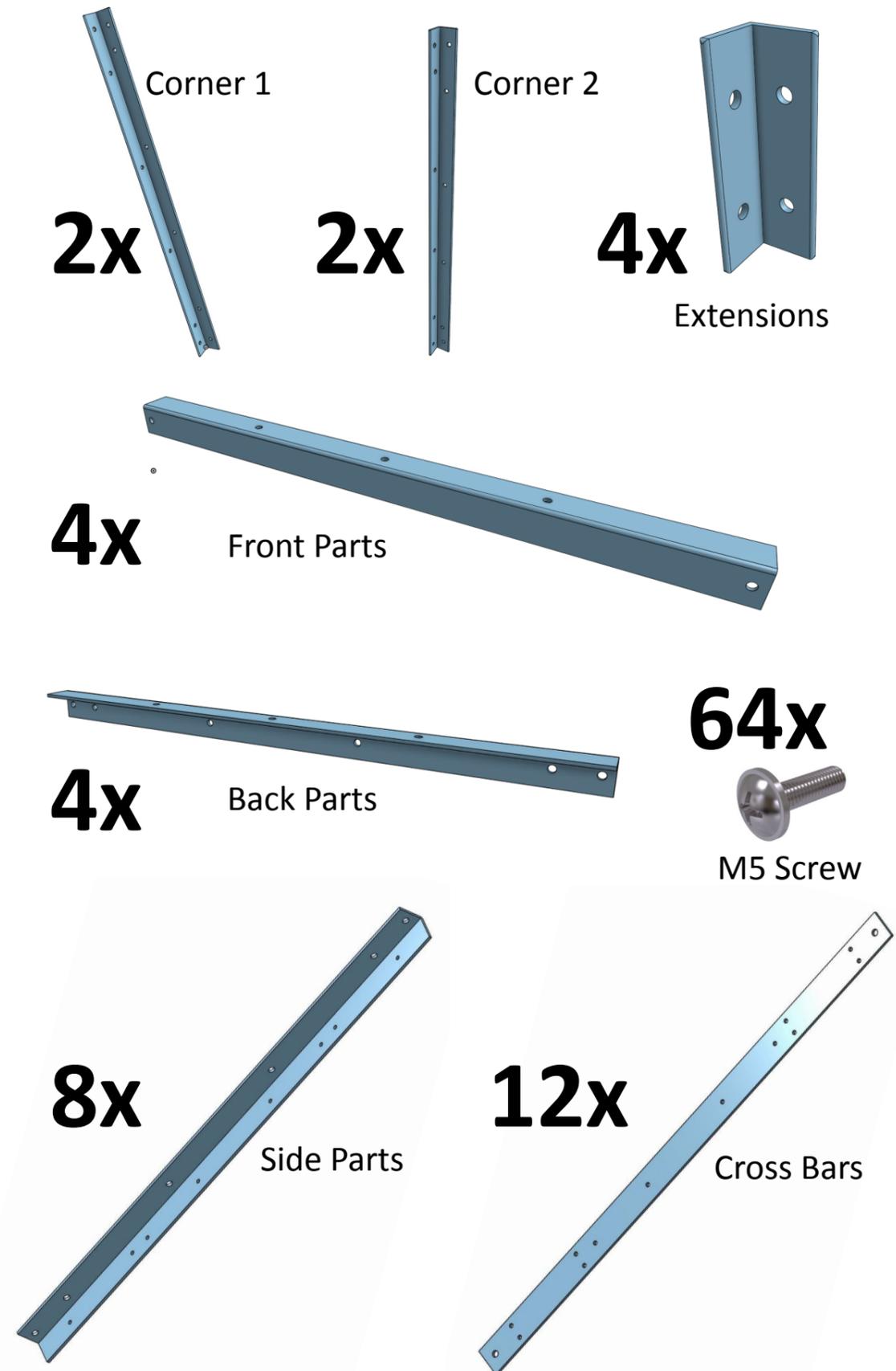
Dimensions: 400 x 380 x 410 mm (15.75 x 14.96 x 16.34 ")

Frame Weight: 2.2 kg (4.85 lbs)

Material: Anodized Aluminum

Stackable

# Frame Parts



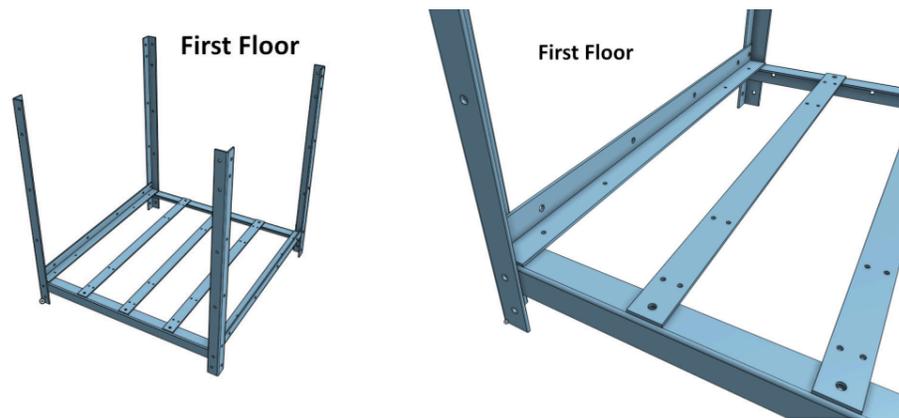
# Frame Accessories



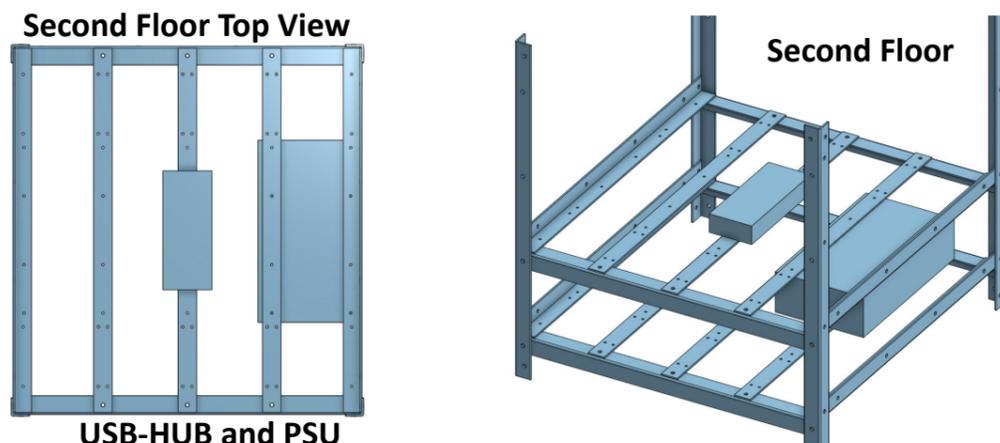
PSU 12VDC 20A open frame	4x
18AWG whip 30cm: male DC jack 5.5*2.1 to bolt terminal	10x
DC splitter 4-way 18AWG to 20AWG	8x
DC splitter 2-way 18AWG to 20AWG	2x
Screwless terminal male+female	6x
C14 to 4x C13 AC splitter/strip	1x
C14 to m4 bolt terminal cable	4x
12DC to USB (QC) wire adapter	1x
Orico USB-HUB 16-Port	2x
Velcro Tape, Rubber Feet	30cm, 4x

# Floor By Floor

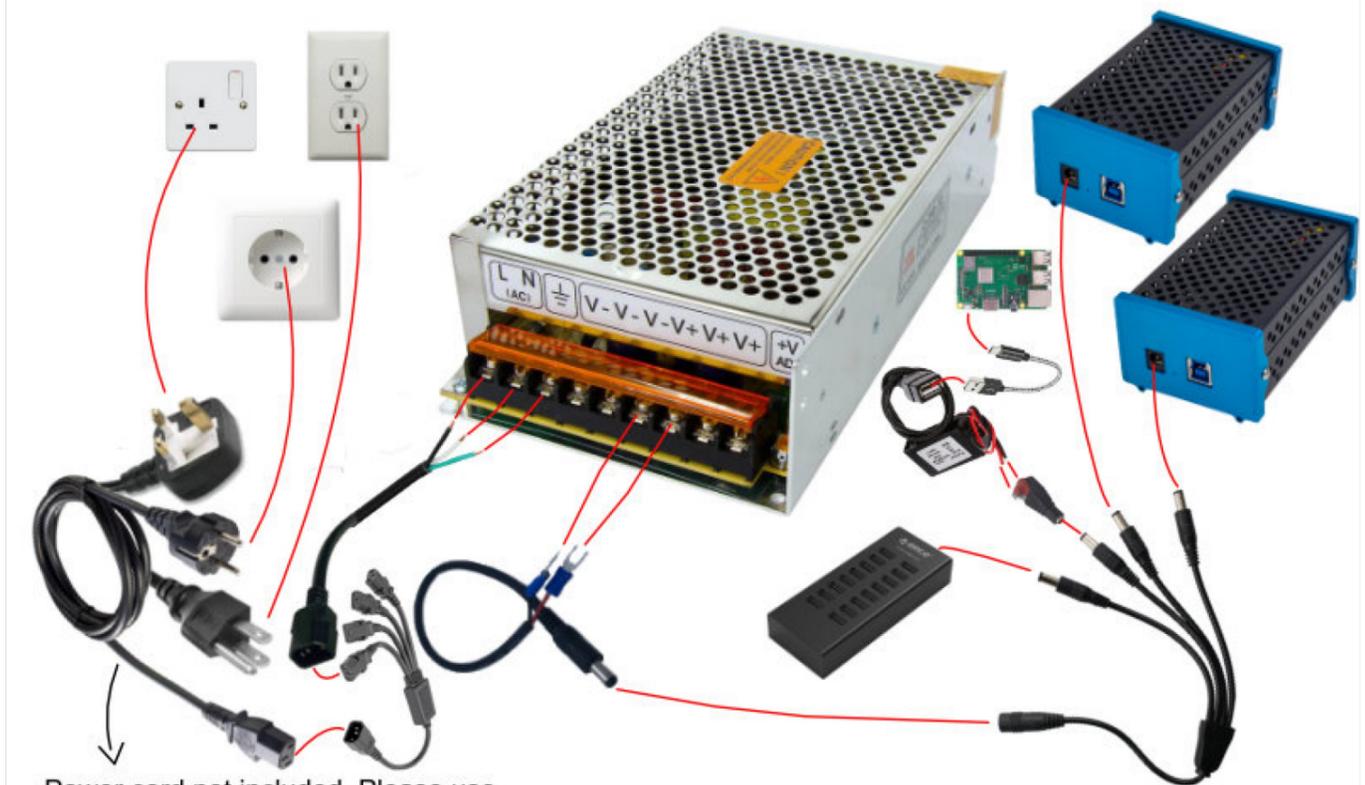
1. Start with building the first floor. Connect whips and power cord to the power supply. Screw brackets to the miner. Add miners and accessories, then build next floor. We suggest using velcro tape to place USB-HUBs on 1<sup>st</sup> and 3<sup>rd</sup> floor. But multiple configurations are possible.



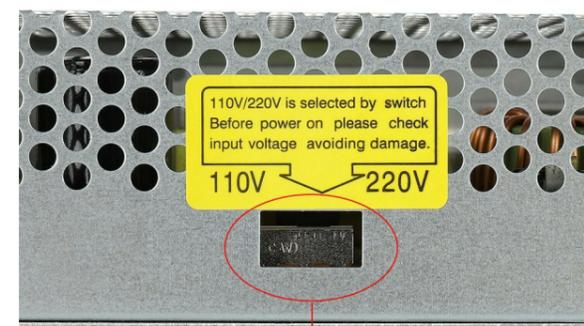
2. Add the power supply and mount it from below to 2nd floor. The PSU will be placed upside down. One PSU can power up to 8 miner. Connect 4-way splitter to the whips and plug into miners. Connect USB-cables from miners of 1<sup>st</sup> and 2<sup>nd</sup> floor to USB-HUB. Connect the HUB to one of the splitters for power. Remember cable management.



# Cable Connections



Power cord not included. Please use one for your local region.



Suitable for 110V and 220V voltage input

- Connect each whip to one V+ (red) and V- (black) port on the PSU
- Connect the power cable to PSU. Black is Line, White is neutral and green is ground
- Make sure the switch on PSU is set to your voltage (110/220)
- Cables should sit tight with no bare cables sticking out
- Connect splitters to miner

# Cable Connections



## RPI Power Supply

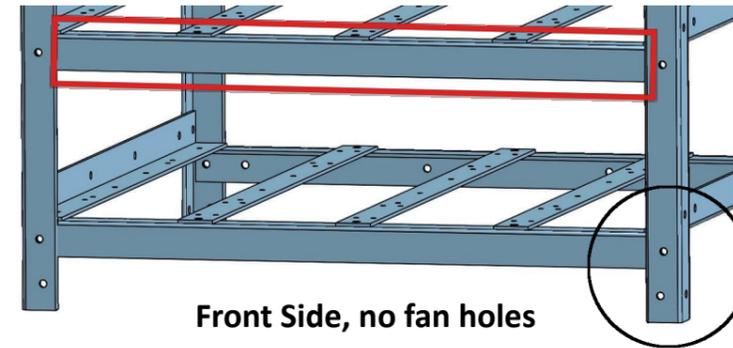
- Strip insulation from cables of DC/DC adapter and connect it to female screwless terminal
- MicroUSB cable (not included) will be connected to the pi power port
- Connect screwless terminal to a free DC splitter for power

## Power Supply Terminal

- AC power cable goes to Line (brown), Neutral (blue) and Grounding (green/yellow)
- Whips connect to one V+ (red) and V- (black) each



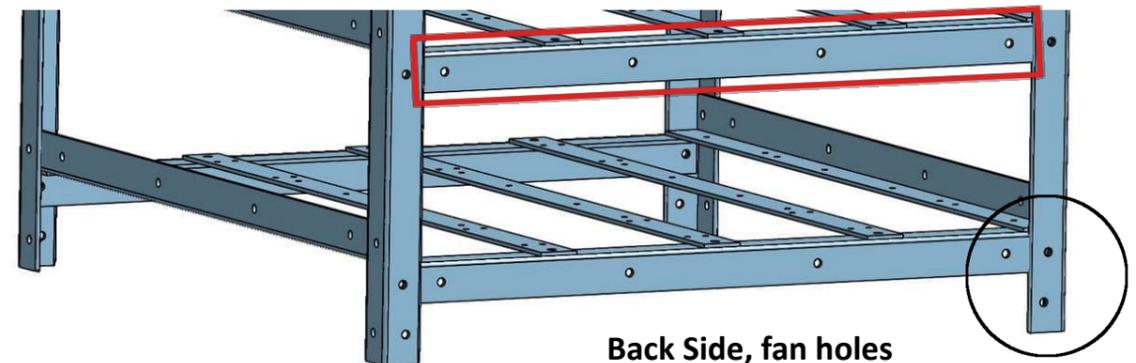
# Frame Assembly



Front Side, no fan holes

The front side parts don't have holes for fans. The backside parts do. The corner parts with two holes close to each other as seen in magnifier glass point to the front and the back, respectively.

The holes that stretch more far from each other point to the side.



Back Side, fan holes

The holes on the side and back parts are meant to hold 120 × 120 × 25 mm fans. A few different configurations are possible. Please set up as is best for your individual CUBE Rig. Depending on environment and amount of miners, you might or might not need external fans.