# Total expense - 21984

# 1. 300W 20A step down - tronic - (1200) - https://tronic.lk/product/20a-300w-dc-to-dc-step-down-

buck-adjustable-constant-vo



#### 2. Wires type -1- (2000)

- a. Current limit 20A 30A
- b. Silicon wires prefer
- c. Color Black and Red
- d. 3m each

#### 3. Wires type -2 – (500)

- a. Larger than jumpers
- b. Color multiple
- c. 1m each

### 4. Jumpers – (300)

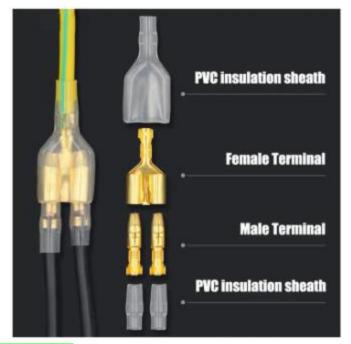
- a. Male to female
- b. Male to male
- c. Female to female

#### 5. Breadboard – (500)

- a. Mini <a href="https://tronic.lk/product/170tp-black-mini-project-board-breadboard-solderless-45">https://tronic.lk/product/170tp-black-mini-project-board-breadboard-solderless-45</a>
- b. Medium https://tronic.lk/product/mb-102-830tp-project-board-breadboard-solderless

#### 6. Terminal wire connecter 1:2 – (200)

a. 15



# 7. Connecters – (200)

a. 10

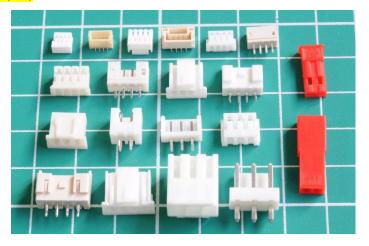


8. Cooling fan –(800)- <a href="https://www.duino.lk/product/40x40x10mm-dc-24v-brushless-9-blade-cooling-fan-4010/">https://www.duino.lk/product/40x40x10mm-dc-24v-brushless-9-blade-cooling-fan-4010/</a>



### 9. Jst connecters – from nisala –(NA)





### 10. Heat shrink – (150)

- a. 1.5 m each
- b. For jumper size, 30 A wire, medium size wire



# 11. 3 relay modules (30A,5V logic,normally off) – (500)



- 12. Nuts and bolts 10 (500)
- 13. Wire clips (50) for all wires. (need to direct jumper and jst cables as well)- (300)

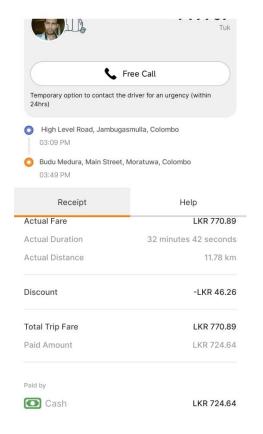


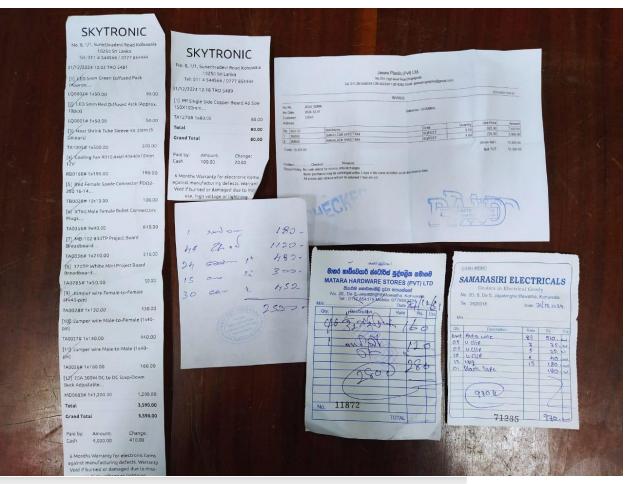
- 14. Dock station connecter (1000)
- 15. Leds for dock station
- 16. Couper plates as connecters of dock station
- 17. Capacitor holders without usage of a PCB (300)
- 18. Filament 1kg peach (5000)



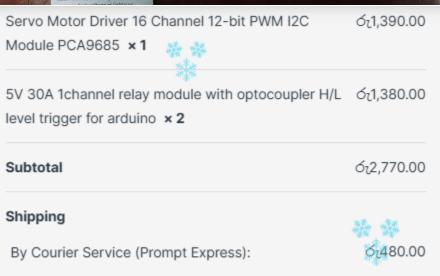
- 19. Spray paint (1500) black (depend)
- 20. Revert for casters
- 21. Nuts and bolts for casters (additionally for the reverts)
- 22. Aluminum
  - a. 20 cm width
  - b. 200 cm length
  - c. Lower than 1 mm
- 23. 6000-2RS 6000RS 6000 deep groove ball bearing 10x26x8 mm 10\*26\*8
- 24. 16 channel motor driver







රු3,250.00



Total