

Dtto Modular Robot v2.0 – Bill of Materials (simplified)

| Description | QTY | Unit | Unit Cost | Cost | |
|--|------|------|---------------|-------|-----|
| 3D Printed Parts (FDM) | 0.1 | KG | 23.31 | 2.33 | |
| Arduino Nano v3.0 (Clone) | 2.0 | EA | 3.39 | 6.77 | |
| HC-05 Bluetooth Module | 1.0 | EA | 5.38 | 5.38 | |
| NRF24L01+ Wireless Transceiver | 1.0 | EA | 1.94 | 1.94 | |
| InfraRed LED Emitter-Receiver Pair (3mm) | 6.0 | EA | 0.06 | 0.33 | |
| Neodimium Disk Magnets (4x3mm) | 24.0 | EA | 0.21 | 5.06 | |
| TowerPro MG92B Servomotor | 2.0 | EA | 7.22 | 14.43 | |
| TowerPro SG90 Servomotor | 3.0 | EA | 1.96 | 5.89 | |
| Li-Po Battery 3,7V 600mAh 25C | 2.0 | EA | 3.71 | 7.41 | |
| LM317 Voltage Regulator | 1.0 | EA | 0.09 | 0.09 | |
| Mini Switch | 1.0 | EA | 0.17 | 0.17 | |
| WS2812 RGB LED (NeoPixel) | 1.0 | EA | 1.55 | 1.55 | |
| M1.7x4mm Self Tapper Screw | 40.0 | EA | 0.02 | 0.89 | |
| Various Resistors | 10.0 | EA | 0.06 | 0.56 | |
| | | | Total: | 52.81 | USD |

Note: Cost in USD at April 2016, various International Suppliers

Project at:

<https://hackaday.io/project/9976-dtto-v20-modular-robot>

<https://github.com/otrebla333/Dtto-Modular-Robot>

<https://www.youtube.com/playlist?list=PLoFHruvLOzZ8lMCxhqWBXichj1xdftpl>

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