

Komplete Mechanichal Kit	Fasteners included	Kit Price		
<a href="#">MakerSupplies Mechanical Kit</a>	<<-- ALL HARDWARE KIT HERE	USD 346,0		
Frame & Wheel Parts	Description	Quantity	Unit Price	Bulk Price
<a href="#">2020 V-Slot 500</a>	OpenBuild V-Slot 500mm	16	USD 4,0	USD 64,0
<a href="#">2020 V-Slot 480</a>	OpenBuild V-Slot 480mm	1	USD 4,0	USD 4,0
<a href="#">Custom Cut V-Slot</a>	Cut one 500 to 480	1	USD 1,0	USD 1,0
<a href="#">3 Way V-Slot Corner</a>	3 Way Corner Bracket	8	USD 4,0	USD 32,0
<a href="#">2028 Corner Bracket</a>	Frame Corner Joint Brackets	20		USD 7,0
<a href="#">Solid V-Wheel Kit</a>	OpenBuild V-Slot Big Wheels	21	USD 5,0	USD 105,0
<b>Estimated Frame &amp; Wheels Price</b>	Fasteners bought separete		<b>USD 213,0</b>	



Research, Development & Design by:

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M.Sc. Engineering Designer

Component Part Name	Description	Quantity	Shop Link	Price	Optional Component	Price2
Controller Board	Duet WIFI Clone w/TMC2660	1	<a href="#">BTT DUET WIFI Clone</a>	\$60,00	<a href="#">SKR 1.3 + TMC2209x5</a>	\$45,00
Layer Fan	3010 Blower Fan 5/12 24V	2	<a href="#">24V 30x30x10</a>	\$10,00	<a href="#">LCD TFT24 KIT</a>	\$15,00
Hotend Fan	4010 Blower Fan 12/24V	1	<a href="#">24V 40x10 Blower</a>	\$2,00		
Cabinet Fan	4010 Axial Fan 12/24V	1	<a href="#">24V Controller Fan</a>	\$3,00		
Optical Endstops	XY(Z) Endstops	3	<a href="#">6Pcs Endstops</a>	\$4,00		
Z Leveling Probe	3D Touch Leveling Probe	1	<a href="#">3D Touch</a>	\$12,00		
Silicon Bed Heater	350*400 110V/220V Heater	1	<a href="#">220V/110V</a>	\$16,00		
Solid State Relay	Silicone Heater Relay Switch	1	<a href="#">SSR 40DA</a>	\$3,50		
Safety Fuse	Thermal Safety Fuse for SSR	1	<a href="#">135 Deg Fuse</a>	\$2,00		
V6 Hotend	E3d V6 Type Hotend	1	<a href="#">1,75 24V All Metal V6</a>	\$17,00		
Extruder	Titan Filament Extruder	1	<a href="#">TriangleLab</a>	\$20,00	<a href="#">Titan Original</a>	\$65,00
Bowden Tube	1.9ID 4OD Filament Tube	1	<a href="#">ID 1.9 OD 4</a>	\$2,50		
Powersupply	24V 240W PSU	1	<a href="#">24V 10A 240W</a>	\$20,00		
Power Switch	10A 250VAC Fused Switch	1	<a href="#">10A Fused Switch</a>	\$8,50		
Timing Belt 6mm	2GT Timing Belt 6W 5 Meter	10	<a href="#">5M-6MM-2GT</a>	\$30,00		
Motor Pulley 5 mm Bore	GT2 20T 6W 5mm Bore	4	<a href="#">2 x 5 BORE</a>	\$8,00		
Belt Idler Thoothed	GT2 20T Thoothed Idler	8	<a href="#">8Pcs 7mm With T</a>	\$25,00		
Belt Idler Smooth	GT2 20T Smooth Idler	6	<a href="#">6Pcs 7mm Without T</a>	\$22,00		
Belt Idler Precision Shim	5x6x1 mm Precision Shim	100	<a href="#">(5x20) 6,5x5x1 Option Shim</a>	\$20,00	<a href="#">200 pcs is same price</a>	
Nema 17 1.8 A	Stepper motor 1.5 Amp	1x5	<a href="#">5Pack &amp; Cable</a>	\$30,00		
Heatbed Build Plate	Milled Cast Aluminum	1	<a href="#">360x410x8 mm</a>	\$30,00	<a href="#">Rolled Aluminum 5mm</a>	\$16,00
Nylon Cable Sleeve	Sleeve for Heatbed cables	1	<a href="#">10 mm Sleeve</a>	\$8,00		
Cable Loom Tube	Sleeve for cables to hotend	1	<a href="#">20mmx1m Cable Loom</a>	\$2,50		
Worm Gear	1:20 Worm Gear Set	1	<a href="#">Worm Gear</a>	\$16,00	<a href="#">High End Gear</a>	\$52,00
Worm Gear Bearings	5id-16od-5w Ball bearings	10	<a href="#">Worm Gear Bearings</a>	\$4,00		
Worm Gear Rod	5mm X 555 mm Steel rod	1	<a href="#">Worm Gear Rod</a>	\$20,00		
<b>Component Total Price</b>				<b>\$396,00</b>		

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