







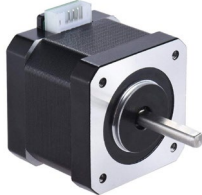







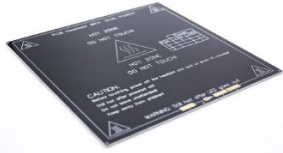







!!! Use links only as references

Component	image	Num. of pieces	link
<i>Lead Screw T8 L400</i>		2 (for z axis)	Such as this
<i>Linear motion rods 8x400 mm</i>		4 (2 for y axis, 2 for z axis)	Such as this
<i>Linear motion rods 8x380 mm</i>		2 (for x axis)	Such as this
<i>Brushless DC Cooling Blower Fan 5015s (50x15mm)</i>		1 (for extruder head)	Such as this
<i>E3D V6 All Metal Hot End (with 30x30 cooling fan, 12V heater, thermistor and PTFE (1.75mm) coupling)</i>		1 (for extruder head)	Such as this
<i>PTFE Teflon Tube for 1.75 Filament (2.0mm ID/4.0mm OD)</i>		1 m (should be sufficient)	Such as this
<i>PC4-M6 Quick Fitting for PTFE Teflon Tube</i>		2 (for extruder drive)	Such as this

<p><i>MK8 Drive Gear (5mm bore, 40 teeth)</i></p>		<p>1 (for extruder drive)</p>	<p>Such as this</p>
<p><i>Nema 17 Stepper Motor (1.7A, 1.8 degree, 40mm High)</i></p>		<p>4 (1 for each axis + 1 for extruder drive)</p>	<p>Such as this</p>
<p><i>623ZZ (3x10x4 mm) Ball Bearing</i></p>		<p>1 (for extruder drive)</p>	<p>Such as this</p>
<p><i>GT2 36 Teeth 8mm Bore Timing Belt Pulley</i></p>		<p>2 (for z axis)</p>	<p>Such as this</p>
<p><i>608-2RS (8x22x7 mm) Ball Bearing</i></p>		<p>6 (4 for z axis rods mount and 2 for spool holder)</p>	<p>Such as this</p>
<p><i>GT2 6mm Width 2mm Pitch Timing Belt</i></p>		<p>4 m</p>	<p>Such as this</p>
<p><i>GT2 Timing Belt Pulley, 20 Teeth, 5mm Bore, 6mm Belt Width</i></p>		<p>3 (for axes motors)</p>	<p>Such as this</p>

<p><i>GT2 Toothed Timing Belt Idler Pulley, 3mm Bore, 20 Teeth, 6mm Width Timing Belt</i></p>		<p>2 (for x and y axis)</p>	<p>Such as this</p>
<p><i>GT2 Toothless Timing Belt Idler Pulley, 3mm Bore, 6mm Width Timing Belt</i></p>		<p>2 (for z axis belt timing)</p>	<p>Such as this</p>
<p><i>Heated Bed Compression Spring 20x7.5 mm</i></p>		<p>5 (4 for bed leveling and 1 for extruder drive)</p>	<p>Such as this</p>
<p><i>LJ12A3-4-Z/BY Inductive Proximity Sensor, 4mm</i></p>		<p>1 (for z axis homing)</p>	<p>Such as this</p>
<p><i>MK2B PCB Heated Bed, 12V/24V, 214x214 mm (with thermistor)</i></p>		<p>1</p>	<p>Such as this</p>
<p><i>3D Printer Kit with RAMPS 1.4 Controller, Mega 2560 board, 4x A4988 (or DRV825) Stepper Motor Driver with Heatsink, 128x64 Graphic LCD and cables</i></p>		<p>1</p>	<p>Such as this</p>
<p><i>Mechanical Limit Switch</i></p>		<p>2 (for x and y homing)</p>	<p>Such as this</p>

<p>20mm x 20mm T-Slotted Aluminum beams</p>		<p>2.5 m (4x400 mm+3x300 mm for frame assembly)</p>	<p>Such as this</p>
<p>20 Series Aluminum Cast Corner Bracket 2020 (with T-nuts)</p>		<p>8 (for frame assembly, alternatively use stronger brackets for vertical frame support)</p>	<p>Such as this</p>
<p>Power supply (200-250W)</p>		<p>1</p>	<p>Such as this</p>
<p>Bunch of M4 bolts and nuts and few of M3 and M5</p>			