

# ES4D 3DP V2 Bill of Materials - Server Chassis Printer

<b>Mechanical (Scalable)</b>	<b>Size (mm)/Desc.</b>				
Alu 2020	300	<a href="#">Ooznest</a>	£ 2.33	2	£ 4.66
Alu 2020	626	<a href="#">Ooznest</a>	£ 5.41	4	£ 21.64
Alu 2020	670	<a href="#">Ooznest</a>	£ 5.79	1	£ 5.79
Alu 2040	560	<a href="#">Ooznest</a>	£ 7.06	2	£ 14.12
Alu 2040	666	<a href="#">Ooznest</a>	£ 10.07	4	£ 40.28
Alu 2040	1240	<a href="#">Ooznest</a>	£ 18.75	2	£ 37.50
Alu 2040	1300	<a href="#">Ooznest</a>	£ 19.66	2	£ 39.32
Alu 2060	400	<a href="#">Ooznest</a>	£ 8.06	4	£ 32.24
Alu rod	730 x 8	DIY Store	£ 12.00	1	£ 12.00
Buildplate	1200 x 500 x 4	<a href="#">Matala4U</a>	£ 71.96	2	£ 143.92
					£ 351.47

<b>Electrical</b>					
Contoller		<a href="#">Amazon</a>	£ 59.99	1	£ 59.99
LCD Screen		<a href="#">Amazon</a>	£ 24.99	1	£ 24.99
4pcs Stepper Drivers		<a href="#">Amazon</a>	£ 68.99	2	£ 137.98
5pcs Nema17 2A Motors		<a href="#">Amazon</a>	£ 46.99	2	£ 93.98
Power Supply	12V 1000W	<a href="#">Amazon</a>	£ 59.99	1	£ 59.99
2pcs Lead Screws		<a href="#">Amazon</a>	£ 19.99	1	£ 19.99
Belt		<a href="#">Amazon</a>	£ 13.98	2	£ 27.96
5mm Pulley Gear	20T	<a href="#">Amazon</a>	£ 6.49	1	£ 6.49
8mm Pulley Gear	40T	<a href="#">Amazon</a>	£ 7.59	1	£ 7.59
8mm Pulley Gear	60T	<a href="#">Amazon</a>	£ 6.93	4	£ 27.72
10pcs Endstops		<a href="#">Amazon</a>	£ 13.99	1	£ 13.99
Spacers		<a href="#">Amazon</a>	£ 11.99	1	£ 11.99
Coupler		<a href="#">Amazon</a>	£ 11.98	2	£ 23.96
Hotend		<a href="#">Amazon</a>	£ 51.91	1	£ 51.91
Mount		<a href="#">Amazon</a>	£ 14.99	1	£ 14.99
Geabox		<a href="#">Amazon</a>	£ 11.89	1	£ 11.89
PID Temp Controller		<a href="#">Amazon</a>	£ 22.69	1	£ 22.69
Heater Pad		<a href="#">Amazon</a>	£ 26.19	2	£ 52.38
					£ 670.48

<b>3D Printed</b>					
40mm Turbo Fan Mount			£ 0.34	1	£ 0.34
Bearing Holder 2			£ 0.06	4	£ 0.24
Bearing Z_L			£ 0.12	2	£ 0.24
Bearing Z_R			£ 0.12	2	£ 0.24
Cable Chain Connector 1			£ 0.06	1	£ 0.06
Cable Chain Connector 2			£ 0.07	1	£ 0.07
Cable Chain Long			£ 0.36	4	£ 1.44
Controller Case A			£ 1.59	1	£ 1.59
Controller Case B			£ 1.02	1	£ 1.02
End Bearing Holder A			£ 0.14	2	£ 0.28
End Bearing Holder B			£ 0.13	2	£ 0.26
Extruder A			£ 0.71	1	£ 0.71
Extruder B			£ 0.56	1	£ 0.56
Gantry X			£ 0.30	1	£ 0.30
Gantry X 2			£ 0.29	1	£ 0.29
Motor Mount			£ 0.75	1	£ 0.75
Motor Mount 2			£ 0.33	1	£ 0.33
Motor Mount Z_L			£ 0.34	2	£ 0.68
Motor Mount Z_R			£ 0.34	2	£ 0.68
Reel Roll			£ 0.90	1	£ 0.90
Reel Roller Side			£ 0.26	4	£ 1.04
Z Spacer			£ 0.05	4	£ 0.20
					£ 12.22

**Total £ 1,034.17**