



copymaster**3D**

COPYMASTER3D VORON V0.2 DIY KIT BOM

Category	Description	Qty	Shipping Qty
Fasteners (black)	3x6x0.5 Shim Washer	50	52
	M2 Nut	55	57
	M3 Nut	140	142
	M2x6 SHCS	70	72
	M2x6 FHCS	10	12
	M2x8 SHCS	10	12
	M3x6 BHCS	40	42
	M3x8 BHCS	115	117
	M3x8 FHCS	5	7
	M3x10 BHCS	50	52
	M3x12 BHCS	25	27
	M3x16 BHCS	10	12
	M3x25 BHCS	10	12
	M3x30 BHCS	10	12
	M3x35 BHCS	30	32
	M3x40 BHCS	10	12
	M2x10 Self Tapping Screws	30	32
	M3 Brass heatstake inserts - short M3x5x4	50	52
Makerbeam XL M3 t-nut	2	4	
Frame	Makerbeam XL 15x15 200mm	16	16
	Makerbeam XL 15x15 100mm	3	3
Extrusion Tophat Frame	Makerbeam XL 15x15 200mm	4	4
	Makerbeam XL 15x15 80-100mm	4	4
	Meanwell LRS-150-24	1	
	Bigtreetech SKR Pico	1	
	Raspberry Pi 3	1	Not included

Electronics	MicroSD Card	1	
	NEMA14 Stepper Motor 40Ncm	2	
	NEMA17 Stepper Motor w/ integrated lead screw 200mm T8x8	1	
	3010 blower fans 24V (ball bearing type)	2	
	3010 axial fan 24V (ball bearing type)	2	
	Omron Mouse Button - Micro Switch	1	
	C13 Power Cord (EU+UK each 1pc)	2	
	IEC320 C14 inlet	1	
	Hotend	1	
	24V Heater Cartridge	1	
	Hotend thermistor	1	
	V0-Display	1	
	3M 5952 VHB tape	1	
Cables	Insulated Crimp Receptical	4	
	High Flex Wire 22gauge 100ft	1	
	High Flex Wire 20gauge 10ft	1	
	Wire 18gauge 10ft	1	
	Thermal Fuse 125C	1	
	JST connectors (2pin 3pin 4pin)	?	
	Microfit3 Dual Row (10circuits) Male & Female Plug	1	
	7mm x 7mm cable chain (less than 1/2 meter needed)	1	
	Nylon Cable Ties (1.8mm wide or smaller)	50	
Motion	F623-RS Bearing	24	
	Stainless steel MGN7H Linear Rail with Carriage - 15	5	
	GT2 20T (5mm ID 6mm W)	2	black
	Gates GT2 Open Belt (6mm W) - 3000mm	1	
	T8x8 Anti-backlash Flange Nut	1	
Buildplate	MIC6 1/4" Plate - 120x120mm	1	
	Silicone DC 24V Heater 120x120mm 60W	1	

Buildplate	yellow die springs 8x4x20mm	3	
	Spring Steel Flex Buildplate with one side PEI powder textured the other side smooth PEI coated	1	
Panels	Acrylic Sheet Clear - 212x230x3mm	2	
	Acrylic Sheet Clear - 212x239x3mm	1	
	Upper Rear Panel 212x63x3mm	1	
	Lower Rear Panel 212x185x3mm	1	
	Deck Panel 3mm thick (See DXF)	1	
	Motor Panel 3mm thick (See DXF)	1	
	Bottom Panel 3mm thick (See DXF)	1	
	Mid Panel 3mm thick (See DXF)	1	
Bowden	Bowden Fitting	2	
	Bowden Tube 4x2mm - 1m	1	
Misc.	Little Rubber Feet	4	
	Bowden Tube 4x3mm - 1m	1	
	Medium Strength Thread Locker	1	
	6mm x 3mm Round Neodymium Magnets	8	
Extrusion Tophat Panels	Top Panel 212x212mm	1	
	Side Panels 212x(71-91)mm	4	
Extruder	NEMA14 36mm pancake Motor with 10 tooth gear	1	
	Bondtech BMG Extruder Kit	1	
	MR85 Bearing	2	