



copymaster**3D**

COPYMASTER3D VORON V2.4R2 DIRECTTYPE 250x250MM BOM-V4.1

Category	Description	Qty	Shipping Qty
Fasteners (Black)	M5x40 SHCS	22	24
	M5x30 BHCS	22	24
	M5x16 BHCS	35	37
	M5x10 BHCS	35	37
	M5 Hexnut	16	18
	M5 Post-install T-nut	68	70
	M5 1mm Shim	42	44
	M4x6 BHCS	7	8
	M4 Knurled Nut (DIN 466-B)	4	5
	M3x40 SHCS	30	32
	M3x30 SHCS	25	27
	M3x20 SHCS	22	24
	M3x16 SHCS	20	22
	M3x12 SHCS	41	43
	M3x10 FHCS	4	5
	M3x8 SHCS	173	177
	M3x6 BHCS	11	13
	M3x6 FHCS	8	9
	M3 Hexnut	6	7
	M3 Post-install T-nut	89	93
	M3 Hammer Head T-nuts	60	62
	M3 Washer	3	4
M3 Threaded Insert	110	115	
M2x10 Self-tapping Screw	16	18	
Motion	GT2 80T Pulley (5mm ID 6mm W)	4	black
	GT2 20T Pulley (5mm ID 6mm W)	3	black
	GT2 20T Pulley (5mm ID 9mm W)	4	black
	GT2 16T Pulley (5mm ID 6mm W)	4	black
	GT2 20T Toothed Idler (5mm ID 6mmW)	2	black
	GT2 20T Toothed Idler (5mm ID 9mmW)	4	black
	F695 Bearing	20	
	625 Bearing	12	
	5x60mm Shaft D Cut	4	
	5x35mm Shaft (trim to size)	1	
	GT2 Belt Loop (6mm W) - 188mm	4	
	GT2 Open Belt LL-2GT-9 (9mm wide) -1000mm*4 ---we will send 4200mm	1	
	BMG Extruder Components Kit	1	
	Linear Rail MGN9H 300mm	6	
	Linear Rail MGN12H 300mm	1	
	GT2 Open Belt LL-2GT-6 (6mm wide) -1600mm*2---we will send 3400mm	1	



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Category	Description	Qty	Shipping Qty
Electronics	LKD-42STH48-2004MAH	2	
	LKD-42STH20-1004ASH	1	
	LKD-42STH48-2004AC	4	
	Omron D2F-01L Micro Switch	3	
	Omron TL-Q5MC2 NPN Inductive Probe	1	
	E3D V6 Bowden Hotend Kit (24V) (with titanium alloy heatbreak)	1	
	6*20 24V 40W heater cartridge 1m	1	
	104GT-2 3*15mm thermistor wire 1m	1	
	40X40X20 Centrifugal Blower Fan (24V) GDS dual ball bearing	1	
	40x40x10 Axial Fan (24V) Sunon maglev dual ball bearing	1	
	60x60x20 Fan (24V) GDS dual ball bearing	3	
	Octopus V1.1	1	
	USB cable for Octopus V1.1	1	
	TMC2209 Stepper Motor Driver	7	
	Mini 12864 Display	1	
	10A 0-250V YB11B2-10A-Q Filtered Power Inlet	1	
	Medium blower fuse 5X20 4A for 220V	2	
	RaspberryPi 3B+ (optional)	1	Not included
	Mean Well LRS-200-24 PSU	1	
	Mean Well RS-25-5 PSU	1	
	Omron G3NB-210B-1 SSR (10A)	1	Not included
	DIN Rail Mount Bracket for G3 SSR	1	
	BAT85 Diode	1	
	C13 Power Cord (EU+UK each 1pc)	2	
Thermal Fuse (125C)	1		
Vibration Management	Rubber Foot (1.5x.75" 38x19mm)	4	
Frame	OpenBuilds Billet Angle Corner Connector (2020)	4	
	Misumi HFSB5-2020-240	1	
	DIN 3 Rails (35mm W) - 365mm	2	
	Misumi HFSB5-2020-330	1	
	Misumi HFSB5-2020-350	2	
	Misumi HFSB5-2020-370-TPW	10	
	Misumi HFSB5-2020-430-LCP-RCP	4	
Misc	Fume Extractor Carbon Filter Element	1	
	4mm Threaded Bowden Coupler	1	
	3M VHB Tape 5952	1	
	Single Sided Foam Tape 1mm Thick (5m)	1	
	Single Sided Foam Tape 3mm Thick (5m)	1	
	D6x3mm Neodimium Magnet	8	
	PTFE Tube (4mm OD 3mm ID) - 1000mm	1	
	PTFE Tube (4mm OD 2mm ID) - 300mm	1	
	Allen key with ball head pack 4pcs/pack (2mm/3mm/4mm/5mm each size 1pc)	1	



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Category	Description	Qty	Shipping Qty
Cables	Nylon Cable Ties Small (.07-.10" 1.8-2.7mm wide)	42	
	18AWG ptfe Wire (black/red/green each	3.9	meters
	20AWG ptfe Cable (red 4 meters)	4	meters
	22AWG ptfe Cable (250ft total) teflon cable (black/red each 25meters, blue/green each 4meters ,brown 4meters)	82	meters
	Female Spade Crimp Terminal (18-22AWG .250" 6.35mm)	7	
	Fork Spade Crimp Terminal (18-22AWG#10)	5	
	Ring Crimp Terminal (16-22AWG #6)	1	
	JST XH Connector 3 Position male/female pair plus pins (XH2.54 housing 2pin female/15pcs male/9pcs XH2.54 housing 3pin female/17pcs male/7pcs XH2.54 housing 4pin female/10pcs male/8pcs XH2.54 pin head female /130pcs male/80pcs U terminal SV1.25-4S /26pcs XH2.54 header	1	
	Connector kit matching your controller choice (usually JST-XH)	1	
	Crimp Ferrule Kit (covering sizes 24AWG to 18AWG)	1	
	MicroFit3 Connector Plug 4 Position	4	
	MicroFit3 Connector Plug 3 Position	1	
	MicroFit3 Connector Plug 2 Position	2	
	MicroFit3 Connector Receptacle 4 Position	4	
	MicroFit3 Connector Receptacle 3 Position	1	
	MicroFit3 Connector Receptacle 2 Position	2	
	MLX Power Receptacle 3 Position (bed wiring)	1	
	MLX Power Plug 3 Position	1	
	MLX Male Pin	6	
	MLX Female Pin	6	
	MicroFit3 Female Pin	40	
	MicroFit3 Male Pin	40	
	WAGO 221-415 Lever-Nuts	3	
10x11 Generic Cable Chain (305mm)	2		
10x15 Generic Cable Chain (445mm)	1		
Panels	Coroplast Sheet - 369x369x3 mm	2	
	Coroplast Sheet - 383x403x3 mm	1	
	Acrylic Sheet Clear - 191.5x403x3 mm	2	
	Acrylic Sheet Clear - 383x403x3 mm	2	
	Acrylic Sheet Clear - 383x383x3 mm	1	
Buildplate	Magnetic flexible buildplate (spring steel sheet with one side smooth PEI the other side textured PEI) 254*254mm	1	
	Precision Machined Cast Aluminum Build Plate/ MIC6 254*254*8mm	1	
	Arlon Silicone AC Heater w/ NTC100K thermistor - 246x246mm (220V 600W), with 150C built in thermostat	1	