



copymaster3D

COPYMASTER3D VORON V2.4R2 DIRECTTYPE 300x300MM BOM-V4.1

Category	Description	V2.4R2 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
	M5X10X1mm Shim/Spacer	42	44
	M4 Knurled Nut (DIN 466-B)	4	5
	M4x6 BHCS	7	8
	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	180	184
	M3x6 BHCS	11	13
	M3X6 FHCS	8	9
	M3 Hexnut	6	7
	M3 Post-install T-nut	96	100
	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 6mm W)	2	black
	GT2 20T Toothed Idler (5mm ID 9mm W)	4	black
	F695-2RS Bearing (or F695ZZ)	20	
	625-2RS Bearing (or 625ZZ)	12	
	5x 60mm Shaft-Grind Flat	4	
	5x35mm Shaft	1	
	Gates GT2 Belt Loop (6mm W) - 188mm	4	
	Gates GT2 Open Belt LL-2GT-9 (9mm wide)	1	
	-1100mm*4pcs---We will send 1*4600mm BMG Extruder Componnets Kit	1	
	Robotdigg 440C stainless steel linear rail MGN9H 350mm	6	



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	Robotdigg 440C stainless steel linear rail MGN12H350mm	1	
	Gates GT2 Open Belt LL-2GT-6 (6mm wide) -1800mm*2pcs --- We will send 1*3800mm	1	
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	
	Raspberry Pi 4 / 3B+ / 3B	1	Not included
	Mean Well LRS-200-24 PSU	1	
	Mean Well LRS-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 Compressor Foot (38X19mm)	4	
Frame	OpenBuilds Angle Corner Connector (2020)	4	
	DIN 3 Rails (35mm W) - 415mm	2	
	Misumi HFSB5-2020-290	1	
	Misumi HFSB5-2020-380	1	
	Misumi HFSB5-2020-400	2	
	Misumi HFSB5-2020-420-TPW	10	
	Misumi HFSB5-2020-480-LCP-RCP	4	



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Misc	Fume Extractor Carbon Filter Element	1	
	4mm Bowden Coupler ECAS04	1	
	PTFE Tube (4mm OD 3mm ID) - 1000m	1	
	PTFE Tube (4mm OD 2mm ID) - 300mm	1	
	6x3mm Round Neodimium Magnet	8	
	3M VHB Tape 5952	1	
	Single Sided Foam Tape (5mm wide/1mm thick) 5m	1	
	Single Sided Foam Tape (5mm wide/3mm thick) 5m	1	
	Allen key with ball head pack 4pcs/pack (2mm/3mm/4mm/5mm each size 1pc)	1	
Cables	Nylon Cable Ties 4" (0.07-0.1") 1.8-2.7mm wide	42	
	18AWG ptfe Wire (black/red/green each 1.3meters)	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 4.8mm Female (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/15pcsmale/9pcs XH2.54 housing 3pin female/17pcsmale/ 7pcsXH2.54 housing 4pin female/10pcs male/8pcsXH2.54 pin head female /130pcs male/80pcsU terminal SV1.25-4S /26pcsXH2.54 header	1	
	Connector kit matching your controller choice	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	
	MicroFit3 Female Pin	40	
	MicroFit3 Male Pin	40	
	MLX power receptacle 3 position (bed wiring)	1	
	MLX power plug 3 position	1	
	MLX male pin	6	
	MLX female pin	6	
	WAGO 221-415 Lever-Nuts	3	
	10x11 Generic Cable Chain (355mm) 2pcs	1	
	10x15 Generic Cable Chain (495mm) 1pcs	1	



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Category	Description	V2.4R2 Qty	Shipping Qty
Panels	Black bottom/deck panel - 419x419x3mm	2	
	Black back panel - 433x453x3mm	1	
	Transparent door - 216.5x453x3mm	2	
	Transparent side - 433x453x3mm	2	
	Transprent top - 433x433x3mm	1	
Buildplate	Magnetic flexible buildplate (spring steel sheetwith one side smooth PEI the other sidetextured PEI) 304*304mm	1	
	Precision Machined Cast Aluminum Build Plate/MIC6 304*304*8mm	1	
	Arlon Silicone AC Heater w/ NTC100Kthermistor - 296x296mm (220V 600W), with150C built in thermostat	1	