Frame THERE IS NONE YOU ROOK	Notes	Ali Price	<u>AliExpress</u>		Amazon
Motion					
Motion	2 Runs just over a				
GT2 6mm wide Belt 3 meters	meter each	\$5.99	https://www.aliexpress.com/item/902692789.html?spm=a2g0o.productlist.0.0.15cb638cWl		
2 X 20T Pulley	5mm bore, for 6mm belt	\$4.99	https://www.aliexpress.com/item/32995102911.html?spm=a2g0o.detail.0.0.36347ae2aaALzT&gp	s-id=pci	DetailBottomMore I hisSeller&scm=1007.13339.291025.0&scm_id=1007.13
bearings total	N/A	\$11.34	https://www.aliexpress.com/item/33001186278.html?spm=a2g0o.order_list.0.0.21ef1802U	5nwnH	https://www.amazon.ca/gn/product/R00V/C1DWN l/ref=npv_vo_dt_h_asir
	N/A		https://www.aliexpress.com/item/1005001843434827.html?spm=a2g0o.cart.0.0.7ad738dat	tbgAl&r	mp=1_
5 X Nema17 42mm Any you prefer		\$54.41			https://www.amazon.ca/gp/product/B0B1Q51G8L/ref=ppx_yo_dt_b
4 X 8mm Linear Rod 250mm length		\$38.32	https://www.aliexpress.com/item/4000272809625.html?spm=a2g0o.cart.0.0.370238daBRRiqb&n	np=1	
10 X LM8UU Bearing		\$4.61	https://www.aliexpress.com/item/4000909626059.html?spm=a2q0o.productlist.0.0.4e8352fb2Jkv		
2 X 200mm Lead Screw 2mm Pitch 8mm Lead 4 X 32 x 22 Rubber Feet		\$7.62 \$9.00	https://www.aliexpress.com/item/32507277503.html?spm=a2g0o.productlist.0.0.66b07b0fr	nrONgo	&algo_pvid=d7bc83c5-fe47-40a4-b174-13c5b9fd415b&algo_exp_id=d
Hardware					
	10mm, 12mm,16mm,				
M3 Assorment	20mm, 30mm				
M2 x 10mm for z limit switch (2 pcs)					
8 X M5 40mm for XY Carriage idlers (long)					
6 X M5 x 30mm for front idler (Short					
	N/A				
14 X M5 Washers					
Extruder BMG Extruder Bowden		\$13.00	https://www.aliexpress.com/item/1005003423850142.html?spm=a2g0o.productlist.0.0.1a8	31h3ck(	GV1sA&algo_pvid=c4cde852-60f9-4736-8ch4-5c7fc3dc8e478-acm_p4n
			AND		pro-createst out - 130 deur-schiededer Adelli pup
BED 150mm x 150mm x 3mm, 12v Heated Bed		\$9.43			
Bet Leveling Screws, springs, thumbwheels		\$9.43	https://www.aliexpress.us/item/2251832248316953.html?spm=a2g0o.productlist.0.0.a72dd239Ti https://www.aliexpress.us/item/2251832709404329.html?spm=a2g0o.detail.1000014.3.7e7a1e35		
Det Leveling Gorews, Springs, arunibwireers		\$3.70	nups://www.aiiexpress.us/item/2251852709404529.ntml/spm=azgoo.detaii.1000014.5.7e7a1e55	agzib i e	agps-iu=pcDetailiBottominioreOtherSellerascm=1007.40050.281175.0asch
Electronics					
24v					
24 Volt 6 Amp Power Supply AC Adapter		\$25.99			
CR-10 Style Hotend 24v ( Cheapest, but lower quality. I have had good luck with these though, I usually buy from					
amazon)		\$8.61	https://www.aliexpress.com/item/32925732347.html?spm=a2g0o.cart.0.0.192238daLzuFTA∓=		
120mm 24v fan for layer cooling (Cheaper on Amazon ) 3010 24v ball bearing fan for hotend ( I recommend		\$18.00	https://www.aliexpress.com/item/33021068426.html?spm=a2g0o.order_list.0.0.64f31802V		
GDstime)		\$11	https://www.aliexpress.com/item/1005003087542512.html?spm=a2g0o.productlist.0.0.56a	d593dE	Sqqp2&algo_pvid=b2f2e782-b88c-41cc-a0bf-8611fe04cc14&aem_p4p_
	upgrade if wanting				
Meanwell 24v 15a 350w	heated bed	\$40.00			https://www.amazon.com/LRS-350-24-Switching-Supply-350-4W-115Vac
150mm 24v Silicone heater		\$14.71			https://www.amazon.com/Acogedor-Silicone-Flexible-Adhesive-Thermiston
Not voltage Dependent					
100 Brass Heated M3x5x4		\$8.00	https://www.aliexpress.com/item/4000232858343.html?spm=a2g0o.order_list.0.0.2ba61802mrxq	NN	
MKS Robin E3 v1.1 OR BTTSKR Mini E3 v3 ( More Expensive ) or SKR Pico Any mainboard should work, the		***			
Rook does use sensorless homing Endstop Omron ( Any edstop with a similar style will work,		\$32.00	https://www.aliexpress.com/item/1005002618890320.html?spm=a2g0o.cart.0.0.447138dal	Pag61s8	<u>kmp=1</u>
only used for Z )		\$4.00	https://m.allexpress.us/item/3256804489070551.html?spm=a2g0n.order_detail.0.0.267ff19cl9P2Ac&gatewayAdapt=glo2usa&_randl_shipto=US_		
Recommended, heats up really fast, easy to mount and good quality	can get 12v or 24v		https://www.aliexpress.com/item/1005004704341801.html?spm=a2g0o.order_list.0.0.67681802yxJymx_		
12v					
Power Supply 12v, 10a		\$21			https://www.amazon.com/ALITOVE-100-240V-Converter-Transformer-5-5
stranded silicone wire for heated bed, stranded 20awg					
V6 Hotend, all metal, 12v, bowden		\$7.75	https://www.aliexpress.us/item/3256803000529672.html?spm=a2g0o.productlist.0.0.f6422	dc2rhRS	sfx&algo_pvid=c7e3437f-45cb-4370-9ee1-68913ab8e3a2&algo_exp_id=
2x 7530 12v blower fans		\$10	https://www.aliexpress.us/item/2251801505487752.html?spm=a2g0o.productlist.0.0.5d507	9d4Y7K	QLD&algo_pvid=286822fe-d247-471a-a58c-9c6f7fd1e438&algo_exp_id
4010 Fan, 12v ptfe tube, 4mm OD, 2mm ID, 1m long		\$4 \$3	https://www.aliexpress.us/item/3256804671765912.html?spm=a2g0o.detail.0.0.373a233a1 https://www.aliexpress.us/item/3256801260455800.html?spm=a2g0o.productlist.0.0.2026a		
Motor Wires, 50cm, xh2.54		\$5	https://www.aliexpress.us/item/2251832624960694.html?spm=a2g0o.productlist.0.0.6b521		
12v 17a 200w Meanwell (\$36)	smallest for heated bed				https://www.amazon.com/MEAN-WELL-LRS-150-12-Single-Switchable/d
12v 12.5a 150w Meanwell (\$25)	might be too small				https://www.amazon.com/MEAN-WELL-LRS-150-12-Single-Switchable/d
Tiny M 6mm bed with mains heater (\$63) Solid State Relay	don't have mounting yet		https://www.aliexpress.us/item/3256802660304098.html?gatewayAdapt=glo2usa4itemAda	pt& ran	ndl_shipto=US
Control Citated Nettaly	Go quality				
TOTAL USD		\$257.15	*doesn't include 24v		