

Short Name	Manufacturer	Product	Price	Each	Price	Link
			\$ each		total	
enclosure	TrippLite	SRW6UWG	225	1	225	6U Server Rack Cabinet, Switch-De
Galil motor controller	Galil	dmc-4143-box4-d3547	3185	1	3185	DMC-41x3 Galil
motor linear stage	Optics Focus	MOX-07-50-G	1267	1	1267	Motorized Translation Stage with Gr
motor rotation	QMot.eu	QSH4218-51-10-049-100000-AT	174	1	174	QSH4218 Datasheet and Product In
camera (USB3)	Allied Vision	1800 U-500C	350	1	350	Alvium 1800 U-500 Alvium 1800 U-5
camera cable	Allied Vision	12326/ 12327/ 12328 (1/ 3/ 5 m)	46	1	46	Alvium 1800 U-500 Alvium 1800 U-5
camera lens	Navitar	NMV-35M1, 35 mm	325	1	325	NMV-35M1, 35 mm - AMETEK Navi
camera adapter plate	machine shop					
camera mount	Thorlabs	C1015	110	1	110	Ø1" (Ø25.0 mm) Post Horizontal Mo
camera mount post	Thorlabs	RS6P8	38	1	38	Ø1" (Ø25.0 mm) Pillar Posts
camera mount base	Thorlabs	RS3P8E	31	1	31	Ø1" (Ø25.0 mm) Pedestal Pillar Pos
camera mount fork	Thorlabs	CF175C	14	1	14	Clamping Forks for Ø1/2" Post Hold
din rail (mounts on back)	McMaster	8961K93	5	2	10	8961K93 (17 11/16 inch)
din rail cable channel	McMaster	7578K96	7	2	14	cable channels McMaster-Carr
D-sub26 terminal block	CZH-LABS		27	1	27	CZH-LABS DIN Rail Mount DSUB D
D-sub9 terminal block	Oiyagai		14	2	28	Oiyagai DB9 D-Sub Male Header Br
linStage to terminal block	L-com	CPMS9MF-5	52	1	52	Heavy Duty D-sub Cable, DB9 Male
terminal block to Galil	L-com	CHD26MF-1	54	1	54	Deluxe Molded D-Sub Cable, HD26
back plate Al 6061 24"x24"	machine shop	89015K46	56	1	56	89015K46
bottom plate (see above)	machine shop	89015K48	82	1	82	89015K48
PEM nut for linStage	McMaster	94674a609	12	1	12	Flush-Mount Press-Fit Nut for Shee
PEM nut for cam mount	McMaster	94056a112	9	1	9	Flush-Mount Press-Fit Nut for Shee
screws: both plates to box	McMaster	94056a112	8	1	8	External Hex/Slotted Head Drilling S
Grommet for power cable	McMaster	9600K118	18	1	18	SBR Rubber Grommet, for 1-1/16" H
Feedthrough for USB 3	McMaster	1423N4	24	1	24	Panel-Mount USB Adapter, 3.2 Gen
Feedthrough for RJ45	McMaster	1422N2	23	1	23	Panel-Mount Data Adapter, Shielded
Lighting for inside the box	VIJIM	VL120 LED VIDEO LIGHT	21	2	42	Amazon.com : VIJIM VL120 LED Vi
				SUM	6224	