

Team name:	S.T.E.N
To allow our fast and iterative workflow, we often buy parts 10 or 20 at a time despite only needing one or two. Some of the following hyperlinks and costs are therefore misleading since we've not used all bought parts	

Name of the Local Currency	Total Cost Local Currency	Total Cost (\$) U.S.A. Dollars
Swedish Krona SEK	8 792,73 kr	\$967,20

#	Component	Part name	Autor	Source	Quantity	Unit cost (Local Currency)	Unit cost (US Dollars)	Total Cost (Local Currency)	Total Cost (USA Dollars)
1	Processing unit	Raspberry Pi 5 8GB	Raspberry Pi	electrokit.com	1	1 079,00 kr	\$118,69	1 079,00 kr	\$118,69
2	AI TPU accelerator	Raspberry Pi AI Hat 26 TOPS	Raspberry Pi	electrokit.com	1	1 499,00 kr	\$164,89	1 499,00 kr	\$164,89
3	Cooling	Active cooler for Raspberry Pi 5	Raspberry Pi	electrokit.com	1	89,00 kr	\$9,79	89,00 kr	\$9,79
4	Camera	Raspberry Pi cameramodule 3	Raspberry Pi	electrokit.com	2	369,00 kr	\$40,59	738,00 kr	\$81,18
5	Buckconverter	Power Supply HAT for Raspberry Pi 5 - 6-36V 5A	Elektrokit	electrokit.com	1	249,00 kr	\$27,39	249,00 kr	\$27,39
6	Light	LED-lamp 1.5W G4	goobay	electrokit.com	1	59,00 kr	\$6,49	59,00 kr	\$6,49
7	Storage	SanDisk 64GB microSDXC card	SanDisk	amazon.se	1	94,00 kr	\$10,34	94,00 kr	\$10,34
8	Connecting parts	Heated inserts	LCKCKY	amazon.se	1	126,99 kr	\$13,97	126,99 kr	\$13,97
9	Wire	24 AWG wire	Fernery	amazon.se	1	199,99 kr	\$22,00	199,99 kr	\$22,00
10	Microswitch	Microswitch	Youmile	amazon.se	1	70,89 kr	\$7,80	70,89 kr	\$7,80
11	Mosfet-module	Mosfet-module	Vegena	amazon.se	1	138,88 kr	\$15,28	138,88 kr	\$15,28
12	Battery connector	XT30 connector	RUNCCI-YUN	amazon.se	1	105,10 kr	\$11,56	105,10 kr	\$11,56
13	Battry	3S Lipo 50C 2200 mAh	Zeee	amazon.se	1	495,99 kr	\$54,56	495,99 kr	\$54,56
14	Connecting parts	Screws M2-M5	HVDHYY	amazon.se	1	203,64 kr	\$22,40	203,64 kr	\$22,40
15	Buckconverter	XL4015	Pmkvgdy	amazon.se	1	218,67 kr	\$24,06	218,67 kr	\$24,06
16	Fan	40x40x28 mm axial fan	ARCTIC	amazon.se	1	334,79 kr	\$36,83	334,79 kr	\$36,83
17	Microcontroller	OpenCM9.04	TOTEM MAKER	reichelt.de	1	474,15 kr	\$52,16	474,15 kr	\$52,16
18	Motor/servo	DYNAMIXEL XL-320	ROBOTIS	store.arduino.cc	6	360,47 kr	\$39,65	2 162,82 kr	\$237,91
19	3d printing plastic	ELEGOO PLA	Elegoo	eu.elegoo.com	1	144,08 kr	\$15,85	144,08 kr	\$15,85
20	Wheel	Lego wheel	Lego	brickowl.com	3	32,92 kr	\$3,62	98,76 kr	\$10,86
21	Toggle Switch	Toggle Switch	Taiway	psnionline.com	3	25,96 kr	\$2,86	77,88 kr	\$8,57
22	Motion Sensor	Motion Sensor	DFRobot	tinytronics.nl	1	133,10 kr	\$14,64	133,10 kr	\$14,64

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Name of the	Total Cost	Total Cost (\$)
Local Currency	Local Currency	U.S.A. Dollars
Swedish krona		
SEK	- kr	\$0,00

#	Name	Software's Tool/Library	Description	Source	Autor	Cost (Local Currency)	Cost (USA Dollars)
1	Dynamixel2Arduino.h	Arduino Library	Arduino library for hardware control	Arduino.cc	Arduino	FREE	FREE
2	FastIMU.h	Arduino Library	Arduino library for motioncontrol	github.com/LiquidCGS/FastIMU	Contributors	FREE	FREE
3	Wire.h	Arduino Library	Arduino library for communication	Arduino docs	Arduino	FREE	FREE
4	cv2	Raspberry pi Library	Image processing library	opencv.org	OpenCV	FREE	FREE
5	PIL	Raspberry pi Library	Python Imaging Library	Pillow 11.2.1	Alex Clark and Contributors	FREE	FREE
6	ultralytics	Raspberry pi Library	YOLO-based object detection library	github.com/ultralytics/ultralytics	Ultralytics	FREE	FREE
7	supervision	Raspberry pi Library	Visualization and utility tools for computer vision	github.com/roboflow/supervision	Roboflow	FREE	FREE
8	numpy	Raspberry pi Library	Array and math library	NumPy	Numpy developers	FREE	FREE
9	requests	Raspberry pi Library	HTTP library for Python	docs.python-requests.org	Kenneth Reitz	FREE	FREE
10	supervision	Raspberry pi Library	Visualization and utility tools for computer vision	github.com/roboflow/supervision	Roboflow	FREE	FREE
11	math	Raspberry pi Library	Mathematical functions library	docs.python.org	Python Software Foundation	FREE	FREE
12	time	Raspberry pi Library	Time access and conversions	docs.python.org	Python Software Foundation	FREE	FREE
13	Github	Software	Web-based platform for version control using Git	github.com	GitHub, Inc.	FREE	FREE
14	Visual Studio code	Software	Source-code editor developed by Microsoft	code.visualstudio.com	Microsoft	FREE	FREE
15	Tiger VNC	Software	Virtual Network Computing (VNC) server and client software	tigervnc.org	TigerVNC developers	FREE	FREE
16	Fusion 360	Software	3D CAD, CAM, and CAE tool	autodesk.com/products/fusion-360	Autodesk	FREE (personal use)	FREE (personal use)
17	Docker	Software	Platform for developing, shipping, and running applications in containers	docker.com	Docker Inc.	FREE	FREE
18	Arduino IDE	Software	Integrated Development Environment for Arduino boards	arduino.cc/en/software	Arduino	FREE	FREE
19	Anydesk	Software	Remote desktop application	anydesk.com	AnyDesk Software GmbH	FREE	FREE
20	Google drive	Software	Storage service	drive.google.com	Google	FREE	FREE
21	Github copilot	Software	AI-powered code completion tool integrated into development environments.	github.com/features/copilot	GitHub (powered by OpenAI)	FREE	FREE
22	Grabcad	Online tool	Online community and library for CAD models	grabcad.com	Stratasys	FREE	FREE
23	Roboflow	Online tool	Platform for managing, labeling, training, and deploying computer vision models.	roboflow.com	Roboflow, Inc.	FREE	FREE