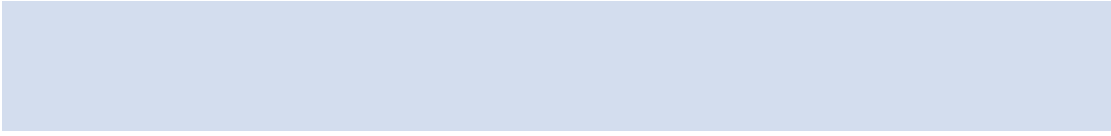


Class	1CTAI
First Name:	Tristan
Name	Debrabandere
Project Name :	DeskGuardian
Assembly Revision :	3
Approval Date :	30-Mar-26
Part Count :	8
Total Cost :	€334

Part #	Part Name	Description	Revision	Qty
1	Raspberry Pi 5 model B	Raspberry pi to control the system	1	1
2	Freenove project kit	Project board for the raspberry pi including all necessary components	1	1
3	HD Webcam	Webcam - 4MP - Microfoon - 2K FULL HD - Webcams voor pc - Inc. Privacy Cover - Laptop	1	1
4	Breadboard and electronics	Starter kit: breadboard, jumper wires, LEDs, Resistors,... without Arduino	2	1
5	Ethernet cable	ACT DC4951 - CAT6A netwerkkabel 90° naar boven gehoekt - U/UTP LSZH - Slanke 3,6 mm	3	1
6	PLA Matte	Light gray 1 kg Spool	3	1
7	microSD card (32 GB)	Kiwi Electronics (NL, ships to Belgium, often same-day) — 32 GB microSD with Raspberry	3	1
8	USB-C power supply (5V/5A)	the official Raspberry Pi 27 W USB-C PD unit	3	1



Total

8



Supplier	also available from	Units	Unit Cost
https://www.reichelt.com/be/nl/shop/product/raspberry_pi_5_b_4x_2_4_ghz_8_gb_ram_wlan_bt-359846	https://www.gotron.be/rpi5b-8gb-single-raspberry-pi-5-model-b-8gb-2-4ghz.html	1	\$ 130.66
https://store.freenove.com/products/fnk0054	https://www.amazon.com.be/-/en/Freenove-Projects-Raspberry-860-Page-Processing/dp/B092V1RDR0	1	\$ 59.99
https://www.bol.com/be/nl/p/webcam-4mp-microfoon-2k-full-hd-webcams-voor-pc-inc-privacy-cover-laptop-en-pc-camera-usb-2-0-windows-en-	https://www.amazon.com.be/-/nl/IG-MNSXT-IGUGI-Webcam-met-microfoon/dp/B0F61PCYL1M/	1	\$ 39.95
https://www.bol.com/be/nl/p/starter-kit-breadboard-jumper-wires-leds-weerstandenzonder-arduino/9200000091202087/		1	\$ 25.05
https://www.amazon.com.be/-/en/ACT-DC3901-CAT6A-Network-Angled/dp/B0CYHJ2MN1/ref=sr_1_53?crd=2T5VNISZLCSZV&dib=eyJ2ljojMSJ9.Yuz8hkU		1	\$ 6.49
https://eu.store.bambulab.com/		1	\$ 22.99
https://www.kiwi-electronics.com/en/32gb-microsd-with-raspberry-pi-os-4269		1	\$ 36.29
https://www.raspberrypi.com/products/27w-power-supply/	https://be.farnell.com/en-BE/c/raspberry-pi/raspberry-pi-peripherals-accessories/raspberry-pi-	1	\$ 12.95



Max Cost	Real Cost
€ 130.66	
€ 59.99	
€ 39.95	
€ 25.05	
€ 6.49	
€ 22.99	
€ 36.29	
€ 12.95	
€ -	
€ -	

€ -

€ 334.37