

Parts for LumiMonitor

Description	Source	Part #	CAD\$ Unit Cost	# of Units	Shipping Cost	Taxes	CAD\$ Subtotal	Link	Comment
Si7021 Temperature and Humidity Sensor Breakout Board	Digikey	3251	\$12.83	1	\$8.00	\$1.67	\$22.50	https://tinyurl.com/yybwv9qn	The temperature sensor to be used for the PCB; measures humidity and temperature
Tivoli Manual Adjustable Focal Length USB HD Webcam									
Powerful Web Cam Camera with MIC for Computer PC Laptop Desktop 640 * 480	Amazon	B07MBFBBS1	\$1.47	1	\$3.98	\$0.19	\$5.64	https://tinyurl.com/yx8tox44	Webcam to be used for the LumiMonitor
Clear Acrylic Casing	Humber	N/A	\$0.00	1	\$0.00	\$0.00	\$0.00		Enclosure for the sensor. Part of the tuition fee.
Parts Kit	Humber	N/A	\$0.00	1	\$0.00	\$0.00	\$0.00		Includes a variety of tools and resources to create the PCB. Already owned.
Raspberry Pi 3 B+ Motherboard	Amazon	3BPLUS-R	\$47.57	1	\$0.00	\$6.18	\$53.75	https://tinyurl.com/un746oo	Raspberry Pi, older version. Comes with the motherboard and power cable.
Micro SD Card 256GB with Adapter	Amazon	Class 10 UHS-1	\$11.97	1	\$0.00	\$1.56	\$13.53	https://tinyurl.com/r3ddtdk	MicroSD Card for the Raspberry Pi Operating System
CanaKit Raspberry Pi 4 Starter Kit (4GB RAM)	Amazon	N/A	\$134.99	1	\$0.00	\$17.55	\$152.54		Purchased a Raspberry Pi 4 due to malfunctioning Raspberry Pi 3
Headers for the PCB	Humber	N/A	\$0.00	1	\$0.00	\$0.00	\$0.00	https://tinyurl.com/vg57wxr	Headers that are soldered to the PCB
CAD\$ Total for Project							\$247.96		

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