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| --- | --- | --- | --- | --- |
| Part Name | Thumbnail image | Description | Quantity | Cost |
| Nvidia Jetson Nano 2gb | Image result for jetson nano | Brain of the System. AI Processing Takes Place Here. | 1 | 4,901 |
| Microphone | Image result for lavalier mic | Captures The Audio For Processing | 1 | 399 |
| USB DAC | Image result for cheap usb dac aliexpress | As Jetson Doesn’t Have a Mic In. We Need to Use this. | 1 | 199 |
| USB-C Power Suppy | Image result for usbc charger | Power Supply for Jetson | 1 | 299 |
| Servo | Image result for 360 servo motor | **UNIMPLEMENTED**  Used to Rotate the mic to find directions | 1 | 499 |
| Relays | Image result for Relays | **UNIMPLEMENTED**  To toggle the traffic lights with 5v Signal | As Needed | \*99 per piece |
| Connecting Wires | Image result for Cables | To Connect the Parts | As Needed | \*<99 per piece |
| Camera | Image result for raspberry pi camera | UNDECIDED  For Image recognition | - | - |
| Total: |  |  |  | Approx Rs. 6,893 |