

ADAS Budget

| COMPONANT | DESCRIPTION | PRICE | No. | PLACE | Total |
|-----------------------------|--------------------|--------------|-----|------------------------|---------------|
| LCD Screen | LCD HDMI 7 inch | EGP 3,990.00 | 1 | RAM | EGP 3,990.00 |
| cable | USB Calbe | EGP 28.00 | 1 | Dream 2000 | EGP 28.00 |
| SD Card | 64GB flash memory. | EGP 195.00 | 1 | Dream 2000 | EGP 195.00 |
| NVIDIA Jetson Nano | Microcontroller | EGP 7,950.00 | 1 | Amazon | EGP 7,950.00 |
| Astra Pro Plus Depth Camera | Depth Camera. | EGP 8,950.00 | 1 | Amazon | EGP 8,950.00 |
| ESP-32 | Microcontroller | EGP 325.00 | 1 | El-Nekhely Electronics | EGP 325.00 |
| Servo Motor | Servo Motor | EGP 228.00 | 1 | Free Electronics | EGP 228.00 |
| DC Motor | DC Motor | EGP 456.00 | 1 | Free Electronics | EGP 456.00 |
| DC Motor | DC Motor | EGP 615.60 | 1 | Makers Electronics | EGP 615.60 |
| L298N | Motor Driver | EGP 102.60 | 1 | Free Electronics | EGP 102.60 |
| 130mm Wheel | Car Wheel | EGP 342.00 | 4 | Makers Electronics | EGP 1,368.00 |
| Female male wire | Jumper Wire | EGP 45.60 | 1 | Free Electronics | EGP 45.60 |
| Battery housing 3*18650 | Battery Housing | EGP 33.06 | 1 | Free Electronics | EGP 33.06 |
| Battery housing 4*18650 | Battery Housing | EGP 39.90 | 1 | Free Electronics | EGP 39.90 |
| Breadboard | Breadboard | EGP 39.90 | 2 | Free Electronics | EGP 79.80 |
| XL4015 Buck converter | Buck Converter | EGP 159.60 | 1 | Free Electronics | EGP 159.60 |
| Male DC power plug | Power Plug | EGP 17.10 | 1 | Free Electronics | EGP 17.10 |
| Lithium Battery | Battery | EGP 108.30 | 8 | HD Electronics | EGP 866.40 |
| Total | | | | | EGP 25,449.66 |