

S/N	Component	Component Model	Quantity	Communication
1	Arduino Uno	Arduino Uno	1	
2	Finger Print	Optical Fingerprint Sensor	1	Communication baud rate (UART): $(9600 \times N)$ bps where $N = 1 \sim 12$ (default value $N = 6$, ie 57600bps)
3	Camera	ESP32 ESP32-CAM WIFI Bluetooth Development Board 5V OV2640 Camera Module	1	WIFI / Bluetooth /SPA/PA
4	Speaker	KY-012 ACTIVE BUZZER MODULE	1	-
5	NFC Sensor	MFRC522	1	SERIAL UART SPI I2C-BUS
6	KeyPad	3X4 keypad	1	-
7	Wifi Module	D1 Mini ESP8266	1	I ² C
8	Resistors	ELEGOO	1	-
9	Cables	Model B 1 1/+ $\frac{2}{3}$ Computer Module Zero	1	-
10	Wires	40PCS 20cm 2.54MM FF FM MM Dupont wire jumper cables male to female For Arduino	1	-
11	LEDs	ESP8266 WS2812 Led Controller ESP-01 ESP-01S RGB IDE Adapter Modul Arduino	1	-
12	Power Supply	MB102 Breadboard Power Supply Module 3.3V/5V For Arduino Breadboard	1	-

S/N	Component	Sellers Link
1	Arduino Uno	
2	Finger Print	http://vi.raptor.ebaydesc.com/ws/eBayISAPI.dll?ViewItemDescV4&item=322778803206&category=175837&pm=1&ds=0&t=1607084617000&ver=0
3	Camera	https://www.ebay.de/i/264251395187?chn=ps&norover=1&mkevt=1&mkrid=707-134425-41852-0&mkcid=2&itemid=264251395187&targetid=857931346246&device=c&mktype=pla&googleloc=9044053&poi=&campaignid=10215345553&mkgroupid=105782607287&rlsatarget=pla-857931346246&abclid=1139676&merchantid=7364532&gclid=CjwKCAiA_Kz-BRAJEiwAhJNY73ePbAJbmKAj7GrZZR4JwXkSOWjZTjDo4cURy8oMoRgTslym4sxiABoCidoQAvD_BwE
4	Speaker	https://www.ebay.de/itm/KY-012-Aktiver-Buzzer-Piezo-Sounder-Speaker-fur-Arduino-Funduino-Mikrocontroller/164198856875?_trkp arms=ispr%3D1&hash=item263b03b8ab:g:D6UAAOSwYpVevT4s&amdata=enc%3AAQAFAAACcBaobrlI8XobRIiIML1V4Imu%252Fn%252BzU5L90Z278x5ickkfOCvCjTOBWK8pwriaolq5tkewjtoRa%252BkKzqkr5F22eASmIfKK95DPyC%252BfXn6vNNRydIU%252BhApFJTuuYJ3UYgLQ88u%252BtYrnCqCTIGDWRJAwY4IGnld%252FHnLjp7KN1655wluU6gnAGp8jY91HdUpbVFA5vaLHNBCIU%252Te18QMCoZeIRE%252FoutD%252B5hni7LwJ2ixZGR3z9ulH7e9aXSiS944jmTttuZcsOxkXXCTf%252FQ5AFK39pJm0uejYZMWoTcludopwjPS%252BTdOYeHGGN0WQIEr47TSVe4gfpEFoMtuKrFSD

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5	NFC Sensor	
6	KeyPad	https://www.ebay.de/itm/4x4-Matrix-Tastatur-Keypad-16-Tasten-Ar-ray-Folientastatur-Arduino-Raspberry-Pi/162887190060?hash=item25ecd5462c:g:CU0AAOSwseJfHJGc
7	Resistors	https://www.amazon.de/stores/page/09076FC3-85F3-4D2D-A70C-005069758E5A/?_encoding=UTF8&store_ref=SB_A02960722KEIETMKUSOJK&aaxitk=vRr2AE4HqB4kBHuTbrld1g&hsa_cr_id=9385213750402&lp_asins=B01M7N4WB6%2CB01M30ZWQR%2CB072BHDBDG&lp_mat_key=widerstand&lp_query=widerst%C3%A4nde&lp_slot=auto-sparkle-hsa-tetris&ref=sbx_be_s_sparkle_mcd_hl&pd_rd_w=IBL9i&pf_rd_p=67a7b036-ab85-4ea4-b1bb-5c82d987792a&pd_rd_wg=uqR1d&pf_rd_r=AMBHQWYZPV8PYRNYRVK7&pd_rd_r=0cc4740b-2efd-4b0e-9202-495a57173cfc
8	Cables	https://www.amazon.de/-/en/40-Pieces-Breadboard-Bridges-Raspberry-Computer/dp/B01LVVIOUO/ref=sr_1_9?dchild=1&keywords=kabel+f%C3%BCr+arduino+uno&qid=1607582030&quartzVehicle=35-163&replacementKeywords=kabel+f%C3%BCr+arduino&sr=8-9
9	Wires	https://www.ebay.com/itm/40PCS-20cm-2-54MM-FF-FM-MM-Dupont-wire-jumper-cables-male-to-female-For-Arduino/312724733910?hash=item48cfd8bfd6:g:05sAAOSwlbZdSZ6E
10	LEDs	https://www.ebay.com/itm/ESP8266-WS2812-Led-Controller-ESP-01-ESP-01S-RGB-IDE-Adapter-Modul-Arduino/253998572703?hash=item3b237ea49f:g:SPEAAOSwhfRb-uFc
11	Power Supply	https://www.ebay.com/itm/MB102-Breadboard-Power-Supply-Module-3-3V-5V-For-Arduino-Breadboard/262123803369?_trkparms=ispr%3D1&hash=item3d07cbd2e9:g:TTsAAOSwuG1cvWyY&amdata=enc%3AAQAFAAACcBaobrlLi8XobRliIML1V4lmu%252Fn%252BzU5L90Z278x5ickkXKoKcbeZcOrOku%252BoOBI%252BS4us9iuDVIL%252BTbbJYeWCxN31soVjwjiKW%252FrqSmNO9ovKp6b

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