

## AFOKAR-08A

## Vehicle Computer Series



## Features

- » 8" sunlight readable TFT LCD with projected capacitive touchscreen
- » Optional LTE module
- » Built-in GPS receiver
- » Built-in OBD-II/J1939
- » OS: Android 7.1

## Specifications

| Form factor                 |                                                                         |
|-----------------------------|-------------------------------------------------------------------------|
| SBC Form Factor             | CPU: Rockchip RK3399                                                    |
|                             | (Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.5GHz) |
|                             | Chipset: SoC                                                            |
|                             | System Memory: On-board 2GB LPDDR3-1866                                 |
| I/O Interface               |                                                                         |
| I/O Ports                   | 20-pin Connector                                                        |
|                             | ** 1 x OBD-II/J1939                                                     |
|                             | ** 1 x USB 2.0                                                          |
|                             | 24-pin Connector                                                        |
|                             | ** 1 x Audio out                                                        |
|                             | ** 1 x RS-232                                                           |
|                             | ** 1 x RS-485                                                           |
|                             | ** 4-bit digital I/O with isolation (2-bit input, 2-bit output)         |
|                             | 1 x HDMI™ output                                                        |
|                             | 1 x GPS SMA connector                                                   |
|                             | 1 x WWAN SMA connector                                                  |
|                             | 1 x SIM card slot                                                       |
|                             | 1 x USB3.0 Type A                                                       |
| Expansion Slots             |                                                                         |
| Expansion Slots             | 1 x Full-size PCIe Mini (reserved for WWAN)                             |
| System                      |                                                                         |
| Cooling method / System Fan | Fanless                                                                 |
| Drive Bays                  | On board 16GB eMMC NAND FLASH                                           |
|                             | 1 x Micro SD Slot                                                       |
| Indicator&Buttons           |                                                                         |
| Buttons                     | 1 x Power button                                                        |
| Indicators                  | 1 x Power                                                               |
|                             | 1 x BT                                                                  |
|                             | 1 x Wi-Fi                                                               |
|                             | 1 x WWAN                                                                |
| Color                       |                                                                         |
| Color                       | Black C + Silver                                                        |

| Dimensions            |                            |
|-----------------------|----------------------------|
| Dimensions            | 210 x 154 x 33.9           |
| Weight                |                            |
| Weight                | 0.77 kg                    |
| Environment           |                            |
| Operating Temperature | -10°C ~ 50°C with air flow |
| Humidity              | 10% ~ 95%, non-condensing  |

## Ordering Information

|                        |                                                                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AFOKAR-08A-RK39-R10-US | 8" 500 cd/m2, Android 7.1 In Vehicle Panel PC with Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, GPS, WIFI/BT, OBD II, 5M Camera, RFID Reader, US reg, ROHS |
| AFOKAR-08A-RK39-R10-TW | 8" 500 cd/m2, Android 7.1 In Vehicle Panel PC with Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, GPS, WIFI/BT, OBD II, 5M Camera, RFID Reader, TW reg, ROHS |
| AFOKAR-08A-RK39-R10-EU | 8" 500 cd/m2, Android 7.1 In Vehicle Panel PC with Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, GPS, WIFI/BT, OBD II, 5M Camera, RFID Reader, EU reg, ROHS |
| AFOKAR-08A-RK39-R10-CN | 8" 500 cd/m2, Android 7.1 In Vehicle Panel PC with Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, GPS, WIFI/BT, OBD II, 5M Camera, RFID Reader, CN reg, ROHS |

## Packing List

|                   |  |
|-------------------|--|
| 1 x AFOKAR Device |  |
|-------------------|--|