

# IOVU-207AR-RK39

7" RISC-based Panel PC



## Features

- » OS: Android 7.1
- » CPU: Rockchip RK3399 (Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.5GHz)
- » Boot Flash: 16G eMMC Nand Flash
- » RAM: 2GB LPDDR3-1866
- » 1 x SOS Key (with red bar): Press for calling help in case emergency
- » 2 x Function Keys ( with green bar ): Default hot key by AP programming

## Specifications

| Communication         |  |
|-----------------------|--|
| Bluetooth             | Bluetooth V4.1   |
| Wi-Fi                 | 802.11 a/b/g/n/ac  |
| Display               |  |
| Brightness(cd/m2)     | 300 cd/m2 (typ.)   |
| Contrast Ratio        | 800:1(typ.)  |
| LCD Size              | 7"   |
| Max Resolution        | 720 RGB (H) x 1280 (V)   |
| Environment           |  |
| Humidity              | 10% ~ 95%, non-condensing  |
| Operating Temperature | -10°C ~ 50°C with air flow   |
| Safety & EMC          | CE/FCC Class B   |
| Storage Temperature   | -20°C ~ 60°C   |
| Form factor           |  |
| Form factor           | OS: Android 7.1  |
|                       | CPU: Rockchip RK3399 (Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.5GHz) |
|                       | Boot Flash: 16G eMMC Nand Flash  |
|                       | RAM: 2GB LPDDR3-1866   |
|                       | 1 x SOS Key (with red bar): Press for calling help in case emergency                         |
|                       | 2 x Function Keys ( with green bar ): Default hot key by AP programming                      |
| Function Key          |  |
| Function Key          | 1 x SOS button key   |
|                       | 1 x Reset Button   |
|                       | 2 x Function Key   |
| I/O Interface         |  |
| Ethernet              | 1 x GbE RJ45 by RTL8211E   |
| I/O Ports             | 2 pin terminal block for SOS key   |
| USB                   | 1 x USB 3.0 Type A   |
|                       | 1 x USB 2.0 Type A   |
| Other Features        |  |
| Audio                 | 1 x Speaker (2 W)  |
| Camera                | Front 5-megapixel (CMOS)   |
| Microphone            | 1 x Digital Mic in   |

| Physical Characteristics    |  |
|-----------------------------|--|
| Color                       | White  |
| Dimensions (LxWxH) (mm)     | 210.7 x 154.7 x 29.6   |
| Mounting                    | VESA Mount 75mmx75mm   |
| Net Weight                  | 0.72 kg  |
| Power                       |  |
| Input                       | 9 V~30 V DC input (φ2.5/5.5mm DC Jack)   |
| Storage                     |  |
| Storage                     | 1 x Micro SD slot  |
| System                      |  |
| Chipset                     | SoC  |
| Cooling method / System Fan | Fanless  |
| CPU                         | Rockchip RK3399<br>(Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.5GHz) |
| On-board Memory             | 2GB LPDDR3-1866  |
| Storage                     | 16GB eMMC NAND FLASH   |
| LED Function                |  |
| LED Function                | 1 x Power LED  |
|                             | 1 x Mail   |
|                             | 1 x Phone  |
|                             | 1 x Exclamation Mark   |

## Ordering Information

|                        |  |
|------------------------|--|
| IOVU-207AR-RK39-R10-US | 7" TFT-LCD; Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Camera, WIFI/BT, Gigabit Ethernet, US reg, ROHS |
| IOVU-207AR-RK39-R10-TW | 7" TFT-LCD; Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Camera, WIFI/BT, Gigabit Ethernet, TW reg, ROHS |
| IOVU-207AR-RK39-R10-EU | 7" TFT-LCD; Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Camera, WIFI/BT, Gigabit Ethernet, EU reg, ROHS |
| IOVU-207AR-RK39-R10-CN | 7" TFT-LCD; Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Camera, WIFI/BT, Gigabit Ethernet, CN reg, ROHS |

## Packing List

|                       |                        |
|-----------------------|------------------------|
| 1 x IOVU-207AR Device | 1 x Wall mount bracket |
| 1 x Screw set         |                        |