

IOVU-210AD-RK39

10.1" RISC-based Panel PC



Features

- » 10.1" 1280x800 LCD
- » Project Capacitive Touch Screen
- » CPU: Rockchip RK3399 (Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.5GHz)
- » OS: Android 7.1
- » Boot Flash: 16GB eMMC Nand Flash
- » RAM: 2GB LPDDR3

Specifications

| | |
|-----------------------|--|
| Communication | |
| Bluetooth | Bluetooth V4.1 |
| Wi-Fi | 802.11 a/b/g/n/ac |
| Display | |
| Brightness(cd/m2) | 250 cd/m2 (typ.) |
| Contrast Ratio | 800:1(typ.) |
| LCD Size | 10.1" |
| Max Resolution | 800(RGB) x 1280 |
| 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 | 10.1" 1280x800 LCD |
| | Project Capacitive Touch Screen |
| | CPU: Rockchip RK3399 (Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.5GHz) |
| | OS: Android 7.1 |
| | Boot Flash: 16GB eMMC Nand Flash |
| | RAM: 2GB LPDDR3 |
| Function Key | |
| Function Key | 1 x Reset button |
| I/O Interface | |
| Ethernet | 1 x GbE RJ45 by RTL8211E with PoE (PD) |
| I/O Ports | 1 x RS-232 (DB-9) |
| | 1 x RS-232/422/485 (DB-9) |
| | 4 bit DIO (2 in, 2 out) |
| USB | 1 x USB 3.0 Type A |
| | 2 x USB 2.0 Type A |
| Other Features | |
| Audio | 1 x Speaker (2W) |
| Camera | Front 5-megapixel (CMOS) |
| Microphone | 2 x Digital Mic in |

| | |
|---------------------------------|--|
| RFID Reader | 13.56 MHz ISO4443 A/B, read-write capable, ISO 14443A (MIFARE), ISO 14443B (FeliCa) |
| Physical Characteristics | |
| Color | White |
| Dimensions (LxWxH) (mm) | 293 x 209.5 x 44.5 |
| Mounting | VESA Mount 75mmx75mm |
| Net Weight | 1.84 kg |
| Power | |
| Input | 9 V~30 V DC input (φ2.5/5.5mm DC Jack) 2 pin terminal block DC input |
| Storage | |
| Storage | 1 x Micro SD slot |
| System | |
| Chipset | SoC |
| Cooling method / System Fan | Fanless |
| CPU | Rockchip RK3399 (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 |
| Touch | |
| Touch Screen | 10 points Project Capacitive |
| LED Function | |
| LED Function | 1 x Power LED 1 x Wi-Fi LED 1 x Bluetooth LED |

Ordering Information

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|------------------------|---|
| IOVU-210AD-RK39-R10-US | 10.1" TFT-LCD; Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, WiFi/BT, IEEE 802.3at for POE, phone jack, 4xGPIO, Android 7.1, NFC, US reg, ROHS |
| IOVU-210AD-RK39-R10-TW | 10.1" TFT-LCD; Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, WiFi/BT, IEEE 802.3at for POE, phone jack, 4xGPIO, Android 7.1, NFC, TW reg, ROHS |
| IOVU-210AD-RK39-R10-EU | 10.1" TFT-LCD; Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, WiFi/BT, IEEE 802.3at for POE, phone jack, 4xGPIO, Android 7.1, NFC, EU reg, ROHS |
| IOVU-210AD-RK39-R10-CN | 10.1" TFT-LCD; Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, WiFi/BT, IEEE 802.3at for POE, phone jack, 4xGPIO, Android 7.1, NFC, CN reg, ROHS |

Packing List

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|-----------------------|--|
| 1 x IOVU-210AD Device | |
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