

# 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

<b>Communication</b>	
Bluetooth	Bluetooth V4.1
Wi-Fi	802.11 a/b/g/n/ac
<b>Display</b>	
Brightness(cd/m2)	250 cd/m2 (typ.)
Contrast Ratio	800:1(typ.)
LCD Size	10.1"
Max Resolution	800(RGB) x 1280
<b>Environment</b>	
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
<b>Form factor</b>	
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
<b>Function Key</b>	
Function Key	1 x Reset button
<b>I/O Interface</b>	
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
<b>Other Features</b>	
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)
<b>Physical Characteristics</b>	
Color	White
Dimensions (LxWxH) (mm)	293 x 209.5 x 44.5
Mounting	VESA Mount 75mmx75mm
Net Weight	1.84 kg
<b>Power</b>	
Input	9 V~30 V DC input (φ2.5/5.5mm DC Jack) 2 pin terminal block DC input
<b>Storage</b>	
Storage	1 x Micro SD slot
<b>System</b>	
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
<b>Touch</b>	
Touch Screen	10 points Project Capacitive
<b>LED Function</b>	
LED Function	1 x Power LED 1 x Wi-Fi LED 1 x Bluetooth LED

## Ordering Information

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

1 x IOVU-210AD Device	
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