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

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	