

# IOVU-210AD-RK39

10.1" RISC Base Panel PC



## Features

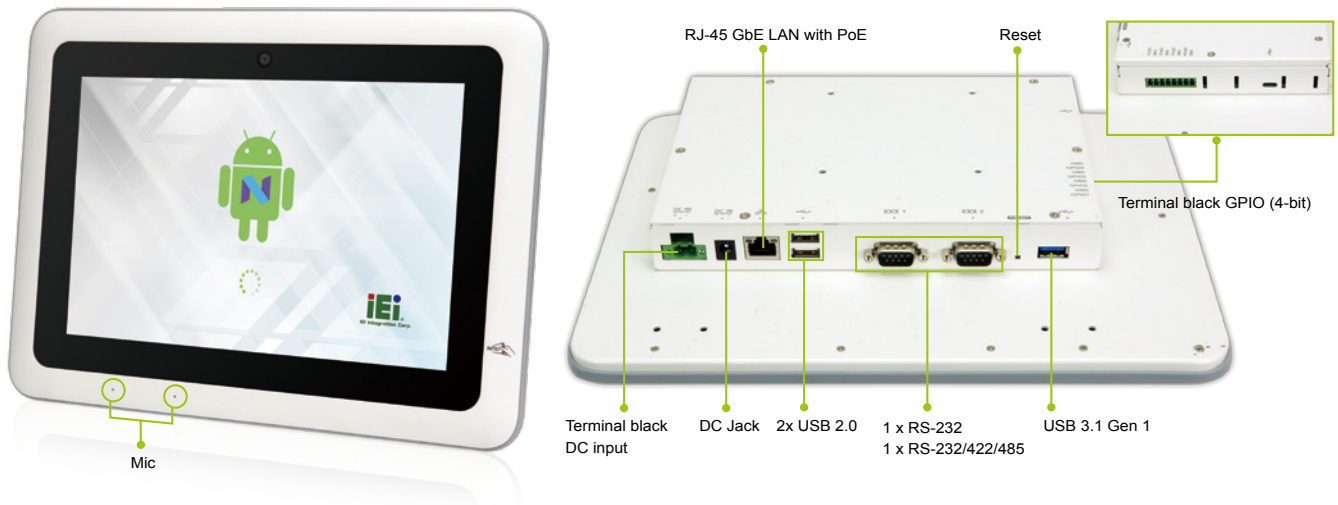
- 10.1" 1280x800 LCD
- Project Capacitive Touch Screen
- CPU: Rockchip RK3399 (Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.5GHz)
- OS: Android 7.1
- Boot Flash: 16GB eMMC Nand Flash
- RAM: 2GB LPDDR3



## Specifications

Model		IOVU-210AD-RK39
Chassis	Color	White
	Dimensions (WxHxD) (mm)	293 x 209.5 x 44.5
	System Fan	Fanless
	Chassis Construction	PC + ABS plastic front, Metal rear
Display	Size	10.1"
	Resolution	800(RGB) x 1280
	Brightness (cd/m <sup>2</sup> )	250 cd/m <sup>2</sup> (typ.)
	Contrast Ratio	800:1 (typ.)
	Pixel Pitch (mm)	0.0564(H) x 0.1692(V)
	Viewing Angle (H/V)	85/85/85/85 Deg.
	Touchscreen	Project Capacitive
Motherboard	CPU	Rockchip RK3399 (Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.5GHz)
	System Memory	2GB LPDDR3-1866
Storage	SD Card	1 x Micro SD slot (Internal)
	Flash	16GB eMMC NAND FLASH
Communication	WLAN	802.11 a/b/g/n/ac
	Bluetooth	Bluetooth V4.1
	RFID	13.56 MHz ISO4443 A/B, read-write capable, ISO 14443A (MIFARE), ISO 14443B (FeliCa)
I/O Interfaces	COM port	1 x RS-232 (DB-9) 1 x RS-232/422/485 (DB-9)
	GPIO	4 bit (2 in, 2 out)
	Ethernet	1 x GbE RJ45 by RTL8211E w/ PoE
	USB 3.1 Gen 1	1 x USB 3.1 Gen 1 (5Gb/s) Type A 1 x USB 3.1 Gen 1 (5Gb/s) Type C OTG
	USB 2.0	2 x USB 2.0 Type A 2 x USB 2.0 pin header (internal)
	Multimedia	Audio
LED Indicator & Button	Camera	Front 5-megapixel (CMOS)
	Indicator	1 x Power, 1 x BT, 1 x Wi-Fi
Power	Button	1 x Reset Button
	Power Input	DC 9 V~30 V * DC input: φ2.5/5.5mm DC Jack or Terminal block * PoE: IEEE 802.3 at standard (Power Device)
Reliability	Power Consumption	12V @ 1.2A
	Mounting	VESA Mount 75mm x 75mm
	Operating Temperature	-10°C ~ 50°C with air flow
	Storage Temperature	-20°C ~ 60°C
	Humidity	10% ~ 90%, non-condensing
	Weight (Net)	1.84 kg
	Safety/EMC	CE/FCC Class A compliant
OS	Supported OS	Android 7.1
	Watch dog timer	Yes

\* When both DC-in and PoE are connected to the device, the connection with higher voltage will be the main power source.



### Ordering Information

Part No.	Description
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-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
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-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

### Packing List

1 x IOVU-210AD Device

### Options

Item	Part No.	Description
Power Adapter	63040-010060-120-RS	Vin:90~264VAC;60W;Φ2.5/Φ5.5/lock
ARM	ARM-11-RS	Flat Panel Monitor ARM
Stand	STAND-A12-RS	LCD MONITOR/PPC STAND
Wall Mount Kit	AFLWK-19B	Monitor Wall mounting kit with lock

### IOVU-210AD-RK39 Dimensions

(Unit: mm)

