

IOVU-210AD-RK39

10.1" RISC Base Panel PC



Features

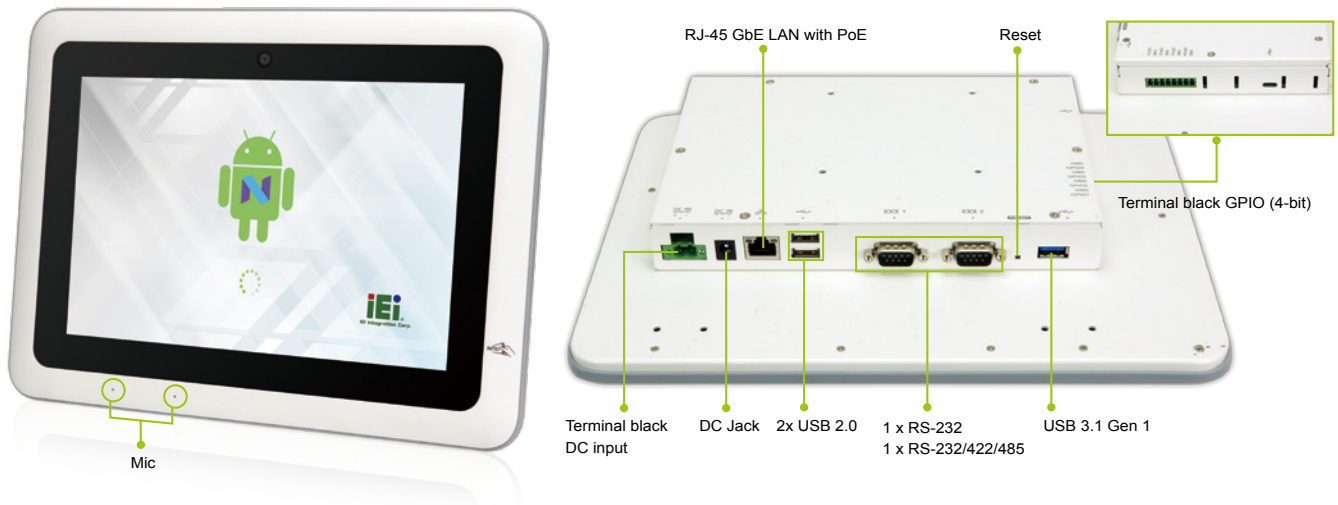
- 10.1" 1280x800 LCD
- Project Capacitive Touch Screen
- CPU: Rockchip RK3399 (Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.5GHz)
- OS: Android 7.1
- Boot Flash: 16GB eMMC Nand Flash
- RAM: 2GB LPDDR3



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 ²) | 250 cd/m ² (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

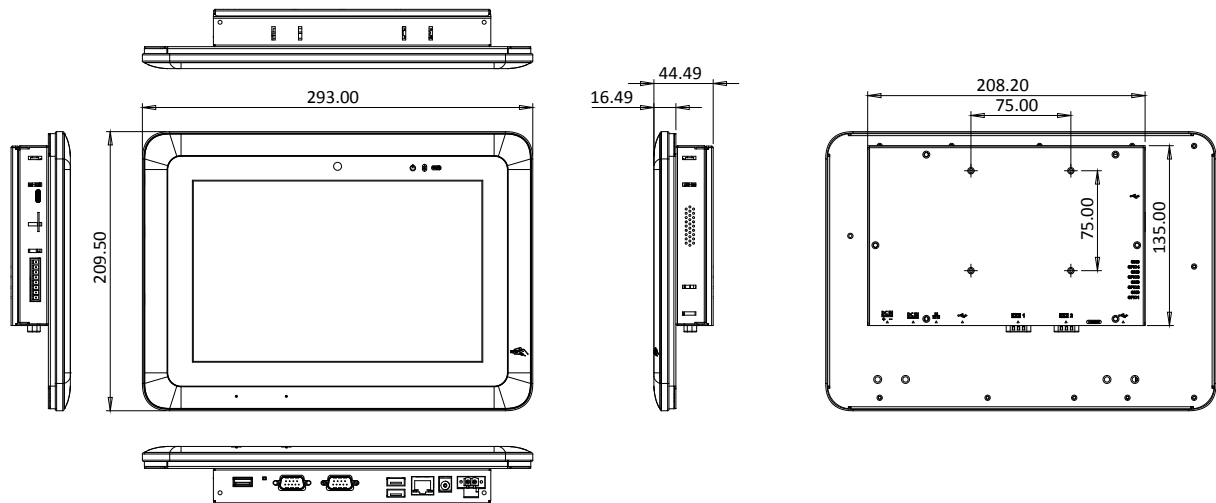
1 x IOVU-210AD Device

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)



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