

## IOVU-10F-AD

10.1" RISC Base Panel PC



## Features

- » 10.1" 1280x800 LCD
- » Project Capacitive Touch Screen
- » CPU: Freescale i.MX6 Cortex-A9 Quad-Core 1GHz
- » OS: Android 4.2.2
- » Boot Flash: 4GB eMMC Nand Flash
- » RAM: 1GB DDR3 SDRAM on board

## Specifications

| Communication            |                                                       |
|--------------------------|-------------------------------------------------------|
| Wireless                 | BT4.0 + Wi-Fi Controller for 802.11b/g/n              |
| Dimensions               |                                                       |
| Dimensions               | 293 x 209.5 x 44.49 (LxWxH) (mm)                      |
| Environment              |                                                       |
| Humidity                 | 5%~90% non-condensing                                 |
| IP Level                 | IP54 front panel only                                 |
| Operating Temperature    | 0 °C ~ 40 °C                                          |
| Storage Temperature      | -10 °C ~ 60 °C                                        |
| I/O Interface            |                                                       |
| I/O Ports and Switches   | 1 x 10/100/1000 Mbps                                  |
|                          | 2 x USB 2.0                                           |
|                          | 1 x RS-232/422/485 support software controllable(DB9) |
|                          | 1 x RS-232 Full-Function (DB9)                        |
|                          | 1 x 13.56MHz                                          |
|                          | 1 x DC jack                                           |
|                          | 1 x On/Off power switch                               |
|                          | 1 x Reset button                                      |
|                          | 1 x SD slot (Hidden)                                  |
| LCD                      |                                                       |
| Backlight MTBF           | 30000 hrs                                             |
| Brightness (cd/m2)       | 400                                                   |
| Contrast Ratio           | 800:1                                                 |
| LCD Color                | 16.2M                                                 |
| Pixel Pitch (mm)         | 0.1695 x 0.1695                                       |
| Resolution               | 1280(W) x 800(H)                                      |
| Size                     | 10.1" (16:9)                                          |
| Viewing Angle (H-V)      | 85/85/85/85 Deg.                                      |
| Other Features           |                                                       |
| Audio                    | 1 x 2W Speaker                                        |
| System Cooling           | Fanless                                               |
| Physical Characteristics |                                                       |
| Color                    | White                                                 |
| Cutout Dimensions        | Plastic front cover and metal rear cover              |

|                             |                                              |
|-----------------------------|----------------------------------------------|
| Dimensions (LxWxH) (mm)     | 293 x 209.5 x 44.49                          |
| Mounting                    | Panel, Wall, Stand, VESA Mount 100mm x 100mm |
| Power                       |                                              |
| Power Requirement           | 9~30V DC                                     |
| System                      |                                              |
| Cooling method / System Fan | Fanless                                      |
| CPU                         | Freescale i.MX6 Cortex A9 Quad-Core 1.0GHz   |
| On-board Memory             | 1GB DDR3 SDRAM                               |
| SBC Model                   | OS Support: Android 4.2.2                    |
| Storage                     | Boot Flash: 4GB eMMC Nand Flash              |
| Touch                       |                                              |
| Touch Screen                | Project Capacitive                           |

## Ordering Information

|                       |                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------|
| IOVU-10F-AD-WB-ET-R10 | 10.1" TFT-LCD; Freescale i.MX6 Cortex-A9 QC 1GHz; WiFi/BT; 13.56MHz RFID; Android 4.2 |
|-----------------------|---------------------------------------------------------------------------------------|