



## LTADV100 Interactive Flat Panel Display



Riotouch LTADV100 is a middle level but high performance Interactive flat panel. The highlight advantages:

- ✓ Cost-effective: Integrated 4GB RAM and 32GB ROM android 12.0 OS (upgradabl to Android 14.0).
- ✓ Upgrade version option: 8+64GB/8+128GB in android are for option.
- ✓ Dual pen IR touch: Automatically detects pen diameter (3mm & 8mm) and write simultaneously with different colors and thicknesses.
- ✓ All in one 4K UHD touch screen with IR multi-touch
- ✓ Multi-touch: 40 points touch in windows and 20 points touch in Android
- ✓ Front USB Type-C: USB data transfer+Full function (Option)
- ✓ Smart Whiteboard Software: User-friendly, more efficient and creative.
- ✓ Collaborative Presentations: Real-time screen sharing between devices with wireless software
- ✓ Dual OS: OPS is option for the clients who want to use Windows.



**4K UHD Display**  
3840×2160pixels



**Android 12.0 4+32GB**  
Dual Operation System  
Upgradable to Android 14.0



**20 Multi-touch Points**  
Support maximum 20 points  
writing simultaneously



**Dual oS System**  
Android & Win11



**Cost-effective**  
6 in 1 Interactive Flat Panel



**Anti-glare Glass**  
Embedded Design, Dust-free  
and Explosion-proof



**Front USB**  
Type-C for option



**HDMI OUT**  
Affordable version with  
HDMI Out



**13MP/48MP camera 8 Mic**  
Option



**Active Pen**  
Option



**Android 8+64GB**  
Option



**Android 8+128GB**  
Option

## Dual OS System

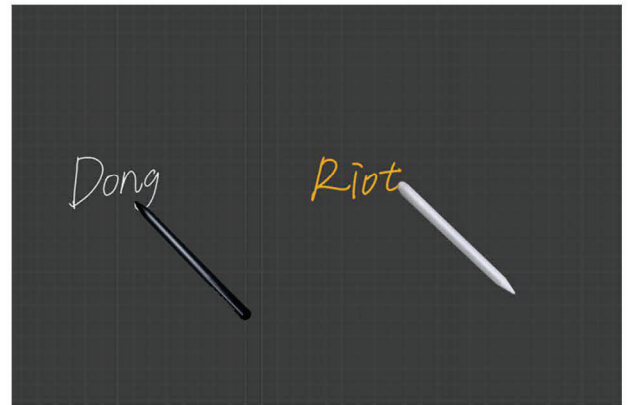
Android & Win10/11

Android ↔ Win10



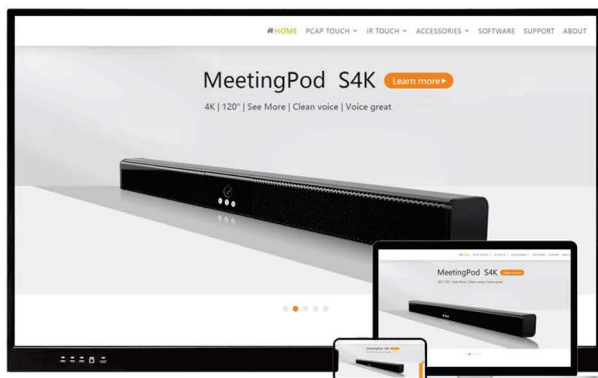
## Dual Pen

Dual pen IR touch: Automatically detects pen diameter (3mm & 8mm) and write simultaneously with different colors and thicknesses.



## Real Time Collaboration

Simple connection with all phones, tablets and computers



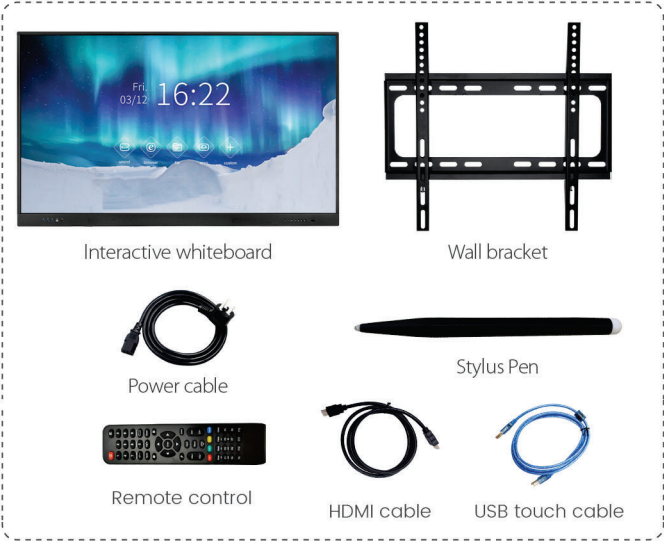
## Easy to Save and Share

Save at local | Scan QR code to take away | Save as JPG/PDF

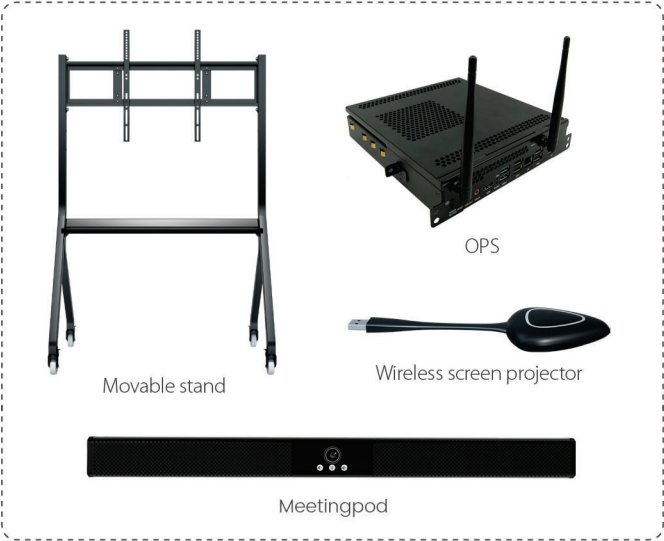


| Display specification                                          |                                                                                                                                 |                          |                         |                         |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------|-------------------------|
| Model                                                          |                                                                                                                                 | LT65ADV100               | LT75ADV100              | LT86ADV100              |
| Diagonal display size                                          |                                                                                                                                 | 65(inch)                 | 75(inch)                | 86(inch)                |
| Bezel color                                                    | Aluminum frame(Black color)                                                                                                     | √                        | √                       | √                       |
| Panel type                                                     | Ultra HD Direct type LED                                                                                                        | √                        | √                       | √                       |
| Active area (mm)                                               |                                                                                                                                 | 1428.48 (H) * 803.52 (V) | 1649.66 * 927.93(V)     | 1895.04 * 1065.96(V)    |
| Resolution                                                     | 3840*2160/60hz                                                                                                                  | √                        | √                       | √                       |
| Pixel Pitch                                                    |                                                                                                                                 | 0.372mm x 0.372mm        | 0.429 mm x 0.429 mm     | 0.4935 mm x 0.4935 mm   |
| Hardness Glass                                                 | Mohs-7 level                                                                                                                    |                          |                         |                         |
| Glass Panel                                                    | Anti-Glare glass with zero bonding                                                                                              |                          |                         |                         |
| Aspect Ratio                                                   | 16:9                                                                                                                            |                          |                         |                         |
| Contrast Ratio                                                 | 1200:1 (type)                                                                                                                   |                          |                         |                         |
| Dynamic Contrast Ratio                                         | 4000:1                                                                                                                          |                          |                         |                         |
| Brightness                                                     | 350cd/m2 (450cd/m2 is option)                                                                                                   |                          |                         |                         |
| Color depth                                                    | 1.07 billion colors                                                                                                             |                          |                         |                         |
| Viewing angle                                                  | 178°                                                                                                                            |                          |                         |                         |
| Lifespan                                                       | 50,000 hours                                                                                                                    |                          |                         |                         |
| Touch Type                                                     |                                                                                                                                 |                          |                         |                         |
| Touch Technology                                               | IR touch                                                                                                                        |                          |                         |                         |
| Multi Touch                                                    | Max 40 points(Windows)                                                                                                          |                          |                         |                         |
| Multi Writing                                                  | Max 20 points(Windows)                                                                                                          |                          |                         |                         |
| Touch Precision                                                | 1 mm (over 90% Area)                                                                                                            |                          |                         |                         |
| Auto-Calibration                                               | Yes                                                                                                                             |                          |                         |                         |
| Anti-light                                                     | Yes                                                                                                                             |                          |                         |                         |
| Minimum object size                                            | 2mm                                                                                                                             |                          |                         |                         |
| Touch Response Time                                            | First Point <2 ms, Continuation <8 ms                                                                                           |                          |                         |                         |
| Supporting OS                                                  | Windows 7/8/10/11; Android; Mac; Linux; Chrome OS                                                                               |                          |                         |                         |
| Sound                                                          |                                                                                                                                 |                          |                         |                         |
| Front Speakers                                                 | 15W*2 (20W*2 option)                                                                                                            |                          |                         |                         |
| Subwoofer                                                      | 20W*1 option                                                                                                                    |                          |                         |                         |
| Microphone (These parts are Optional)                          |                                                                                                                                 |                          |                         |                         |
| Type                                                           | Wide-area microphones                                                                                                           |                          |                         |                         |
| Number of Microphones                                          | 8                                                                                                                               |                          |                         |                         |
| Camera (These parts are Optional)                              |                                                                                                                                 |                          |                         |                         |
| Number of images                                               | 13MP(48MP option)                                                                                                               |                          |                         |                         |
| FOV(field of view)                                             | 120 °                                                                                                                           |                          |                         |                         |
| Front Side Connections                                         |                                                                                                                                 |                          |                         |                         |
| Front Ports                                                    | USB2.0 * 3 lines (Public for both Android & PC); Touch out USB B type * 1 line; HDMI in 2.0 * 1 line; USB-C *1 line (Data only) |                          |                         |                         |
| Front Keys                                                     | Power on/off; Signal source; Return; Main page; Menu; Volume down; Volume up                                                    |                          |                         |                         |
| Expansion Front side function (These parts are Optional)       |                                                                                                                                 |                          |                         |                         |
| NFC Reader/Writer                                              | option                                                                                                                          |                          |                         |                         |
| Finger Print                                                   | option                                                                                                                          |                          |                         |                         |
| Bottom side Connectivity                                       |                                                                                                                                 |                          |                         |                         |
| TF Card                                                        | 1                                                                                                                               |                          |                         |                         |
| Earphone/Line Out                                              | 1                                                                                                                               |                          |                         |                         |
| Public USB-A 3.0                                               | 1                                                                                                                               |                          |                         |                         |
| OTG USB-A 2.0                                                  | 1                                                                                                                               |                          |                         |                         |
| LAN-Port IN                                                    | 1 (RJ45, 100 Mbit/s)                                                                                                            |                          |                         |                         |
| SPDIF                                                          | 1                                                                                                                               |                          |                         |                         |
| HDMI IN                                                        | 1                                                                                                                               |                          |                         |                         |
| USB-B (touch)                                                  | 1                                                                                                                               |                          |                         |                         |
| HDMI OUT                                                       | 1                                                                                                                               |                          |                         |                         |
| Windows OPS Slot                                               | 80-pins OPS slot                                                                                                                |                          |                         |                         |
| WiFi Standard                                                  | Wi-Fi 5 (Wi-Fi 6 is optional)                                                                                                   |                          |                         |                         |
| Bluetooth version                                              | 5.0 (5.2 is optional)                                                                                                           |                          |                         |                         |
| Expansion Board #1 (These parts are Optional in the Rear side) |                                                                                                                                 |                          |                         |                         |
| HDMI IN                                                        | 1                                                                                                                               |                          |                         |                         |
| DP IN                                                          | 1                                                                                                                               |                          |                         |                         |
| VGA IN                                                         | 1                                                                                                                               |                          |                         |                         |
| AUDIO IN                                                       | 1                                                                                                                               |                          |                         |                         |
| USB-B (touch)                                                  | 1                                                                                                                               |                          |                         |                         |
| USB-C                                                          | USB data transfer function * 1 line                                                                                             |                          |                         |                         |
| USB 3.0                                                        | USB3.0 * 2 lines (Public for both Android & PC)                                                                                 |                          |                         |                         |
| Expansion Board #2 (These parts are Optional in the Rear side) |                                                                                                                                 |                          |                         |                         |
| LAN-Port OUT                                                   | 1 (RJ45, 100 Mbit/s)                                                                                                            |                          |                         |                         |
| RS232                                                          | 1                                                                                                                               |                          |                         |                         |
| Riotouch Central                                               |                                                                                                                                 |                          |                         |                         |
| Android Version                                                | Android 12.0 (Upgradeable Android 14.0)                                                                                         |                          |                         |                         |
| Chip                                                           | GK6780v100                                                                                                                      |                          |                         |                         |
| CPU                                                            | High-End (8 Cores-A55) 1.2GHz                                                                                                   |                          |                         |                         |
| GPU                                                            | High-End (Mali-G52 MP2(2EE))                                                                                                    |                          |                         |                         |
| Memory                                                         | 4GB DDR4 (8GB is optional)                                                                                                      |                          |                         |                         |
| Storage                                                        | 32GB (64GB & 128GB are optional)                                                                                                |                          |                         |                         |
| Compliant with                                                 | Windows; Mac; Linux; Chrome OS                                                                                                  |                          |                         |                         |
| Over-the-Air Updates (OTA)                                     | YES                                                                                                                             |                          |                         |                         |
| OPS PC (These parts are Optional)                              |                                                                                                                                 |                          |                         |                         |
| OS                                                             | Win10/Win11                                                                                                                     |                          |                         |                         |
| CPU                                                            | Intel i3/i5/i7 10th/11th/12th generation                                                                                        |                          |                         |                         |
| RAM                                                            | 8GB/16GB/32GB are available                                                                                                     |                          |                         |                         |
| SSD                                                            | 128GB/256GB/512GB/1TB are available                                                                                             |                          |                         |                         |
| General Information                                            |                                                                                                                                 |                          |                         |                         |
| Power Supply                                                   | ~ 100-240 V (50/60Hz)                                                                                                           | √                        | √                       | √                       |
| Switch On / Off                                                | Yes                                                                                                                             | √                        | √                       | √                       |
| Standby Energy Consumption                                     | ≤ 0.5 Watt                                                                                                                      | √                        | √                       | √                       |
| Power Consumption                                              |                                                                                                                                 | Maximun<290W<br>Eco<75W  | Maximun<420W<br>Eco<75W | Maximun<500W<br>Eco<75W |
| Net Weight                                                     | (KG±2)                                                                                                                          | 40                       | 51                      | 65                      |
| Gross Weight                                                   | (KG±2)                                                                                                                          | 50                       | 63                      | 80                      |
| Screen Dimensions                                              | (WxDxH)                                                                                                                         | 1470.9 *97.5* 897.5 mm   | 1692.1 *97.5*1021.9mm   | 1943.4*97.5*1166mm      |
| Dimensions Package                                             | (WxDxH)                                                                                                                         | 1622 * 222 * 1044 mm     | 1842 * 222 * 1166 mm    | 2090 *222 * 1307 mm     |
| VESA Standard                                                  | (mm)                                                                                                                            | 600*400 mm               | 600*400 mm              | 800*600 mm              |
| Certifications                                                 | CE; EMC + LVD / RoHS / FCC/CB                                                                                                   |                          |                         |                         |
| Environmental conditions                                       |                                                                                                                                 |                          |                         |                         |
| Operating Temperature                                          | 0℃ - 38℃/32 - 100 °F                                                                                                            |                          |                         |                         |
| Storage Temperature                                            | -20℃ - 60℃/-4 - 140 °F                                                                                                          |                          |                         |                         |
| Storage Humidity                                               | 10 % - 90 %                                                                                                                     |                          |                         |                         |
| Usage Humidity                                                 | 10 % - 90 %                                                                                                                     |                          |                         |                         |
| Accessories                                                    |                                                                                                                                 |                          |                         |                         |
| Accessories                                                    | No ink pen * 2pcs, Remote control *1pc, 1.5m power cord *1pc, 1.5m HDMI cable *1pc, 1.5m USB touch cable *1pc; wall mount kit   |                          |                         |                         |

Standard Package



Optional Accessories



Application scenarios:



• Office



• School



• Hospital



• Exhibition

## Dimensions (mm)

