

**Dong Guan RioTouch Technology Co.,Ltd.**

5th Floor, Huihang High-tech Industrial Park, No. 9 Zhongnan Middle Road, Shangsha,  
Chang'an Town, Dongguan City, Guangdong Province Web: [www.RioTouch.com](http://www.RioTouch.com)

**IR Touch Interactive Flat Panel Display**

| Model                            |                                                                                    | LT100RP3576 |
|----------------------------------|------------------------------------------------------------------------------------|-------------|
| Product picture                  |  |             |
| Display specification            |                                                                                    |             |
| Diagonal display size            |                                                                                    | 100(inch)   |
| Bezel color                      | Aluminum frame(Black color)                                                        | √           |
| Panel type                       | Ultra HD Direct type LED                                                           | √           |
| Active area (mm)                 | 2203.2(H) × 1239.3(V)                                                              | √           |
| Resolution                       | 3840*2160                                                                          | √           |
| Pixel Pitch                      | 0.57375×0.57375 (H×V)                                                              | √           |
| Hardness Glass                   | Mohs-7 level                                                                       | √           |
| Glass Panel                      | Anti-Glare glass with zero bonding                                                 | √           |
| Aspect Ratio                     | 16:9                                                                               | √           |
| Contrast Ratio                   | 1200:1 (type)                                                                      | √           |
| Brightness                       | 350cd/m2                                                                           | √           |
| 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;<br>Linux; Chrome OS                               | √           |
| Sound                            |                                                                                    |             |
| Speakers                         | 2.0                                                                                | √           |
| Front Speakers                   | 15W*2                                                                              | √           |
| Subwoofer                        | 20W*1 (option)                                                                     | √           |
| Total Power Amplifiers           | ≦ 60w                                                                              | √           |
| Microphone (option)              |                                                                                    |             |
| Type                             | wide-area microphones                                                              | √           |
| Number of                        | 8                                                                                  | √           |
| Auto switch<br>(Windows/Central) | Yes                                                                                | √           |
| Disconnectable                   | Yes                                                                                | √           |
| camera (option)                  |                                                                                    |             |
| Number of images                 | 1300M(800M/ 4800M / 6400Moption)                                                   | √           |

|                        |                                                          |                            |
|------------------------|----------------------------------------------------------|----------------------------|
| Maximum resolution and | 4208*3120(30fps)                                         | √                          |
| FOV(field of view)     | 120                                                      | √                          |
| Front Side Connections |                                                          |                            |
| Front Ports            | Type-C * 1 line; HDMI IN * 1 line; USB3.0*3; USB-B*1     |                            |
| Front Keys             | Power on/off; Signal source; homepage; ECO; Menu; Volume |                            |
| NFC                    | Option                                                   |                            |
| Fingerprint            | Option                                                   |                            |
| Back Side Ports        |                                                          |                            |
| Earphone               | 1                                                        | √                          |
| MIC IN                 | 1                                                        | √                          |
| RS232                  | 1                                                        | √                          |
| RJ45 IN                | 1                                                        | √                          |
| COAX                   | 1                                                        | √                          |
| TOUCH OUT              | 1                                                        | √                          |
| HDMI IN                | 1                                                        | √                          |
| TYPE-C OUT             | 1                                                        | √                          |
| Public USB2.0          | 1                                                        | √                          |
| Android USB3.0         | 1                                                        | √                          |
| HDMI OUT               | 1                                                        | √                          |
| TF CARD                | 1                                                        | √                          |
| WIFI                   | IEEE802.11a/b/g/n/ac/ax                                  | √                          |
| Windows OPS Slot       | 80-pins OPS slot                                         | √                          |
| Bluetooth version      | 5.2                                                      | √                          |
| Riotouch Central       |                                                          |                            |
| Android Version        | Android 16.0                                             | √                          |
| Chip                   | RK3576                                                   | √                          |
| CPU                    | quad-core Cortex-A72 and quad-core Cortex-A53            | √                          |
| GPU                    | ARM Mali-G52 MC3                                         | √                          |
| RAM                    | 8G Byte , Max.16G Byte DDR                               | √                          |
| Flash                  | 128G Byte, Max.512G Byte EMMC                            | √                          |
| Compliant with         | Windows; Mac; Linux; Chrome OS                           | √                          |
| Over-the-Air Updates   | YES                                                      | √                          |
| Light Sensor           | YES                                                      | √                          |
| NFC Reader/Writer      | option                                                   | √                          |
| PM2.5                  | option                                                   | √                          |
| Fingerprint module     | option                                                   | √                          |
| General Information    |                                                          |                            |
| Power Supply           | ~ 100-240 V (50/60Hz)                                    | √                          |
| Switch On / Off        | Yes                                                      | √                          |
| Standby Energy         | ≤ 0.5 Watt                                               | √                          |
| Power Consumption      | Maximun< 650W<br>Eco<75W                                 | √                          |
| Net Weight             | (KG±2)                                                   | 110KG                      |
| Gross Weight           | (KG±2)                                                   | 120KG                      |
| Screen Dimensions      | (WxDxH)                                                  | 2230.6(H) ×<br>1257.3(V)mm |
| Dimensions Package     | (WxDxH)                                                  | 2320*222*1370mm            |
| VESA Standard          | (mm)                                                     | 1195*220mm                 |

|                                 |                                                                                                                                                      |   |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <b>Certifications</b>           | CE: EMC + LVD / RoHS /<br>FCC/CCC                                                                                                                    |   |
| <b>Warranty</b>                 | ONE year for the whole product and<br>THREE years for touch parts by default.<br>(can be extended, it's for an option)                               | √ |
| <b>Environmental conditions</b> |                                                                                                                                                      |   |
| <b>Operating</b>                | 0°C - 40°C/32 - 100 F                                                                                                                                | √ |
| <b>Storage Temperature</b>      | -20°C - 60°C/-4 - 140 F                                                                                                                              | √ |
| <b>Storage Humidity</b>         | 10 % - 90 %                                                                                                                                          | √ |
| <b>Usage Humidity</b>           | 10 % - 90 %                                                                                                                                          | √ |
| <b>Accessories</b>              |                                                                                                                                                      |   |
| <b>Accessories</b>              | WIFI antenna*3pcs; No ink pen * 2pcs, Remote control *1pcs, 1.5m power cord *1pcs, 1.5m HDMI cable *1pcs, 1.5m USB touch cable *1pcs; wall mount kit |   |