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## 23.6inch Round Touchscreen Display Specifications



### 1. Features

- Android5.1 and the above version intelligent operating system;
- Quad-core high-performance processor, main frequency 1.8G;
- Customized circular UI interface;
- Customized boot animation (can be modified according to customer requirements);
- Customized circular gallery, video player, resource manager and other operation interfaces;
- Support automatic switch settings, USB automatic video playback;
- Support wireless Wi-Fi, wired LAN and optional 4G network module;
- Support OTG debugging function;
- Support HDMI video output;
- Industrial grade product design, stable and reliable system, convenient operation and beautiful appearance.

### 2. Technical parameters

|                     |                                |   |
|---------------------|--------------------------------|---|
| LED panel           | size                           | 23.6"   |
|                     | Brand                          | AKB   |
|                     | Model                          | AKB24RD   |
|                     | Aspect ratio                   | 1:1   |
|                     | Resolution                     | 848×848   |
|                     | refresh rate                   | 60Hz  |
|                     | Effective display range        | 600.384mm (H) ×600.384mm (V)  |
|                     | pixel pitch                    | 0.708mm (H) ×0.708mm (W)  |
|                     | standard color                 | 16.7M 8Bit  |
|                     | Backlight type                 | LED backlight (side entry)  |
|                     | brightness                     | 700cd/m <sup>2</sup>  |
|                     | Contrast                       | 4000:1  |
|                     | Response time                  | 8ms   |
|                     | Viewing angle                  | 178°/178°   |
| Hardware            | Main chip model                | RK3288  |
|                     | Central Processing Unit (CPU)  | Cortex-A17 quadcore 1.8GHz  |
|                     | Graphics Processing Unit (GPU) | Mali-T764   |
|                     | Running memory (RAM)           | 2GB   |
|                     | System memory (ROM)            | 8GB (16G optional, 64GB Max.)   |
|                     | kernel version                 | Android 5.0 or the above  |
|                     | Built-in stereo                | 2*2W  |
| Capacitive          | Touch points                   | 5-point capacitive touch  |
|                     | responding speed               | ≥5ms  |
|                     | touch life                     | Any point can withstand more than 50 million touches, and the cursor does not drift after one calibration |
|                     | Accuracy                       | 99% accuracy  |
| Signal port         | USB input                      | x2 (Type-A USB2.0 x2)   |
|                     | Audio output                   | x1 analog headphone   |
|                     | Extended storage               | x1 (TF card standard socket)  |
|                     | network input                  | x1 RJ45 wired Ethernet port, support wireless 2.4G Wi-Fi  |
|                     | Sim card slot                  | x1-way SIM card slot (support 3G/4G module optional)  |
|                     | video output                   | x1 HDMI output  |
| Power supply        | voltage range                  | AC 220V,50/60Hz   |
|                     | Power consumption              | ≥55W  |
| working environment | temperature                    | 0°C ~ 50°C  |
|                     | Relative humidity              | 10% ~ 90%RH(non-condensing)   |
| storage             | temperature                    | -10°C ~ 60°C  |

|                           |                   |  |
|---------------------------|-------------------|--|
| environment               | Relative humidity | 10% ~ 90%RH(non-condensing)  |
| Dimensions                | Exterior color    | Mirror silver glass silk screen + rose gold profile frame + black sheet metal back |
|                           | Overall size      | L681mm×W681mm×T51mm  |
| Wall Mount Specifications | Hanger size       | L500xW470xT1.5   |
|                           | Hanging hole size | Horizontal 200mm×Vertical 200mm  |
| Installation method       |                   | wall mounted   |
| Chassis material          |                   | Profile frame + sheet metal backplane  |
| Net weight/gross weight   |                   | 12/14Kg  |
| packing list              |                   | Round screen*1, wall mounting kit*1, national standard power cord*1                |

3. six-sided view installation dimensions:



