

# 21.5" P-cap Touch All In One

Model **H2216PWA-RK3288**

Touch Technology **P-cap**

Version **V 0.1**



## Product specification

| Product Name                                      |                         | 21.5 inch Touch All in One                                  |
|---------------------------------------------------|-------------------------|-------------------------------------------------------------|
| Product Model                                     |                         | H2216PWA-RK3288                                             |
| <b>LCD panel</b><br><b>Technical Parameter</b>    | Size                    | 21.5 inch                                                   |
|                                                   | Aspect Ratio            | 16: 9                                                       |
|                                                   | Backlight Type          | LED                                                         |
|                                                   | Pixel Pitch             | 0.248mm x 0.248mm                                           |
|                                                   | Active Area             | 476.64mm x 268.11mm                                         |
|                                                   | Best Resolution         | 1920 × 1080 @ 60 Hz                                         |
|                                                   | Response Time           | 16ms                                                        |
|                                                   | Color                   | 16.7million                                                 |
|                                                   | Brightness              | LCD Panel: 250cd/m <sup>2</sup>                             |
|                                                   | Contrast Ratio          | 3000:1                                                      |
|                                                   | Viewing Angle (CR > 10) | Horizontal: 178° (89°/89°)    Vertical: 178° (89°/89°)      |
|                                                   | Video Input Format      | RGB Analog Signal/ Digital Signal                           |
|                                                   | Video Input Interface   | VGA /HDMI                                                   |
|                                                   | Input Frequency         | Horizontal: 30~82 Hz    Vertical: 50~75 Hz                  |
|                                                   | Power Consumption       | ≤17W                                                        |
|                                                   | Warranty                | 1Year                                                       |
| <b>Touch Screen</b><br><b>Technical Parameter</b> | Touch Screen Type       | Capacitive Touch Screen                                     |
|                                                   | Cover Glass             | 2mm                                                         |
|                                                   | Transparency            | 85%                                                         |
|                                                   | Hardness                | 7H                                                          |
|                                                   | Interface               | USB2.0                                                      |
|                                                   | Touch Point             | 10                                                          |
|                                                   | Response Time           | ≤10 ms                                                      |
|                                                   | Touch Method            | Finger / Capacitive Pen                                     |
|                                                   | Touch Lifespan          | ≥ 50,000,000                                                |
|                                                   | Linearity               | < 2%                                                        |
|                                                   | Multi-point OS          | Android                                                     |
|                                                   | Warranty                | 1Year                                                       |
| <b>Mother Board</b><br><b>Technical Parameter</b> | Board Type              | RK3288                                                      |
|                                                   | CPU                     | RK3288, Quad-core, 1.8GHz                                   |
|                                                   | Internal Storage        | 2/4G(Optional)                                              |
|                                                   | Built-in Memory         | 8/16/32G(option)                                            |
|                                                   | Built-in ROM            | 2KB EEPROM                                                  |
|                                                   | Decoder Resolution      | The best support 3840*2160                                  |
|                                                   | OS                      | Android 8.0                                                 |
|                                                   | Play Mode               | Support all repeat play、timed play、inter-cut play and so on |
|                                                   | Network                 | 4G,Ethernet、 WiFi / bluetooth 4.0、 WiFi extender            |
|                                                   | Video Format            | Support wmv、 avi、 flv、 rm、 rmvb、 mpeg 、 ts、 mp4 and so on   |
|                                                   | Picture Format          | Support BMP、 JPEG、 PNG、 GIF                                 |
|                                                   | USB2.0 interface        | 2 x USB HOST                                                |
|                                                   | GPS                     | External GPS (option)                                       |
|                                                   | WIFI、 BT                | Built-in WIFI、 BT4.0 (option)                               |
|                                                   | Ethernet                | 1 *10M/100M auto-match Ethernet                             |
|                                                   | TF Card                 | 1                                                           |

|                                          |                       |                                                                  |                                  |
|------------------------------------------|-----------------------|------------------------------------------------------------------|----------------------------------|
| <b>Touch AiO<br/>Technical Parameter</b> | HDMI Output           | 1 *1080P@120Hz/4kx2k@60Hz                                        |                                  |
|                                          | Video Output          | Support dual channel output, built-in 4R/20W, 8R/10W trumpet     |                                  |
|                                          | RTC                   | 1                                                                |                                  |
|                                          | Timing Switch Machine | 1                                                                |                                  |
|                                          | System Upgrade        | local update, TF, USB                                            |                                  |
|                                          | Boundary Dimension    | TBD                                                              |                                  |
|                                          | Power Supply          | Adaptor Input: 100-240 VAC, 50-60 Hz<br>Adaptor Output: 12Vdc/3A |                                  |
|                                          | Power Consumption     | Max: 60w                                                         |                                  |
|                                          | Installation          | VESA 75mmX75mm                                                   |                                  |
|                                          | Accessory (Optional)  | Power Wire                                                       | standard Power Wire, 1.5m, Black |
|                                          | Temperature           | Operating: 0°C-40°C;                                             | Storage: -20°C-60°C              |
|                                          | Humidity              | Operating:20%-80%;                                               | Storage: 10%-90%                 |
|                                          | Operation Altitude    | < 3000m                                                          |                                  |
|                                          | Warranty              | 1Year                                                            |                                  |