



## OFT-10WR1

### 10.1" Open Frame Tablet with RK3288

- > RockChip RK3288W Cortex-A17 Quad Core 1.6GHz
  - > 2GB RAM
  - > 16GB eMMC
  - > PCAP Touch
  - > 10/100/1000 Ethernet
  - > M.2 B-Key(3042) connector socket
  - > 802.11 b/g/n Wireless LAN and Bluetooth 4.0
  - > DC 12~24V Input
  - > G sensor
  - > Optional Powered LAN 802.3AT
  - > Optional 1000 nits / PCAP Touch with 3mm CG
  - > OS Image support Android 8.1
  - > Battery Charger
- Note : You need a 19v or a 24v power adapter to fully charge the battery. You cannot fully charge the battery with a 12v power adapter.

#### Spec

| -System Information-       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor                  | RockChip RK3288W Cortex-A17 Quad Core 1.6GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| System Memory              | 2GB DDR3L RAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Storage                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Storage                    | 16GB eMMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Panel                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| LCD Size                   | 10.1"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| LCD Panel                  | TFT-LCD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Resolution                 | 1280x800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Pixel pitch                | 0.1695(H)x0.1695(V) mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Luminance                  | 350 cd/m2(typ) Optional 1000 nits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Contrast ratio             | 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Viewing angle              | 85 (U), 85 (D), 85 (L), 85 (R)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Response time              | 30 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Touch Type                 | Projective Capacitive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| I/O                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| External I/O Connector     | 1 x Power Jack<br>1 x HDMI Port<br>2 x USB Type A Host<br>1 x RJ45<br>1 x Headphone Jack<br>1 x Reset                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Internal I/O Connector     | 1 x Micro USB<br>1 x USB interface , 1 x DMIC interface<br>1 x USB touch interface<br>1 x M.2 B-Key(3042)<br>1 x touch button control(power/vol/brightness)<br>1 x Power interface (12~24V)<br>1 x Li-Battery connector<br>1 x JLVDS1<br>1 x JMIP1<br>1 x AMIC interface<br>1 x Speaker interface<br>1 x JSEN1 interface (I2C x2)<br>1 x JTP1 interface<br>1 x Debug port<br>1 x RS232 interface<br>1 x RS232 , RS485<br>1 x JGPIO1 (GPIO 16bit)<br>1 x RTC Battery interface<br>1 x Micro SIM Card socket for LTE module<br>1 x Micro SD slot |
| Wireless Communication     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| WLAN                       | 802.11 b/g/n                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Display                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Multiple Display           | LVDS+HDMI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Certifications             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Certification Information  | CE, FCC Class A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Mechanical & Environmental |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

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|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Operating Temperature | 0°C ~ 40°C                                                      |
| Storage Temperature   | -20°C ~ 60°C                                                    |
| Operating Humidity    | 40°C @ 95% Relative Humidity, Non-condensing                    |
| Dimension (W x L x H) | 252 x 166 x 32.6mm                                              |
| Weight                | 1.18kg                                                          |
| Power Requirement     | DC 12~24V Input                                                 |
| Power Mode            | DC Jack, DC input 4pin header<br>(Optional Powered LAN 802.3AT) |
| Software Support      |                                                                 |
| OS Information        | Android 8.1                                                     |
| Ordering Information  |                                                                 |
| Ordering Information  | OFT-10WR1-DC in<br>OFT-10WR1-Powered LAN                        |

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