

# AFL4-W07-RK3566

7" Fanless Panel PC with Rockchip® RK3566 Processor



## Features

- » Rockchip RK3566 Platform
- » New narrow bezel design
- » Anti-glare and Anti-UV PCAP
- » Support Gloved and Wet Hand Operation
- » Support WiFi5/ 6 and Bluetooth®5.0 (Optional)

## Specifications

<b>System</b>	
CPU	Rockchip RK3566 (Quad-core Cortex-A55, Up to 1.8GHz)
On-board Memory	4GB LPDDR4/4X, Up to 8GB
Memory Ext.	Dual channel On board LPDDR4/4x
	2/4GB
Storage	16/32GB eMMC
<b>Communication</b>	
Wireless	Wireless module of WIFI5/WIFI6 & BT V5.0 B TO B interface (Optional)
<b>I/O Interface</b>	
Ethernet	1 x 1GbE LAN By YT8521
Audio	1 x 1W (internal speaker)
	1 x 3.5 mm Audio Jack (Line out/Line in)
Expansion	1 x M.2 B Key Slot For 3042 4G Module
Audio Codec	RK809
<b>Power</b>	
Input	12V DC
<b>Environment</b>	
Operating Temperature	0°C ~ 50°C
Safety & EMC	CE/EMC, FCC, Class A
Humidity	10% ~ 90%@40°C (non-condensing)
Storage Temperature	-20°C ~ 60°C
IP Level	IP54 Front panel
<b>Physical Characteristics</b>	
Color	Silver+Black
Mounting	Wall , Stand , ARM, VESA 75
Dimensions (LxWxH) (mm)	180 x 116 x 35.45 mm
<b>LCD</b>	
Size	7" (16:9)
Resolution	1024 x 600
Brightness (cd/m2)	450(cd/m2)
Contrast Ratio	800:1
Pixel Pitch (mm)	0.1056 x 0.1432
Viewing Angle (H-V)	170°/170°
Backlight MTBF	30000 hours
<b>Touch</b>	

Touch Screen	Multi-point projected capacitive type (anti-UV / anti-glare coating, support gloves)
	Surface hardness: 7H
Touch Controller	EETI EXC 81 Series
<b>Other Features</b>	
Audio	1 x 1W (internal speaker) 1 x 3.5 mm Audio Jack (Line out/Line in)
<b>I/O Interface</b>	
I/O Interface	2 x RS-232/422/485 (by DB9) 1 x USB 2.0 1 x USB 3.2 Gen1x1 1 x HDMI™ (up to 4096 x 2304 @60Hz) 1 x LAN (YT8521SC 1GbE controller) 1 x DC Input Jack 1 x Reset Button 1 x Power Switch 1 x USB 3.2 Gen1x1 1 x USB2.0
<b>OS Support</b>	
OS Support	Android 12.0 / Debian 10 (Kernel 4.19)

## Ordering Information

AFL4-W07-RK3566-R10	7" 450cd/m2 1024x600 fanless Panel PC with RK3566, 4GB LPDDR4/4X, 32GB eMMC, 1xUSB2.0, 1xUSB3.0, 2xRS-232/422/485, HDMI, 1xRJ45, 12V DC IN, Option WIFI/BT, Optional M.2 B key for 3042 LTE, PCAP touch, Debian10, Rohs
AFL4-W07-RK3566-A-R10	7" 450cd/m2 1024x600 fanless Panel PC with RK3566,4GB LPDDR4/4X,32GB eMMC,1xUSB2.0,1xUSB3.0,2xRS-232/422/485,HDMI,1xRJ45,12V DC IN,Option WIFI/BT,Optional M.2 B key for 3042 LTE,PCAP touch, Android12,Rohs
AFL4-W07-RK3566-2/16GB-R10	7" 450cd/m2 1024x600 fanless Panel PC with RK3566,2GB LPDDR4/4X,16GB eMMC,1xUSB2.0,1xUSB3.0,2xRS-232/422/485,HDMI,1xRJ45,12V DC IN,Option WIFI/BT,Optional M.2 B key for 3042 LTE,PCAP touch, Debian10,R10,Rohs

## Packing List

1 x AFL4-W07-RK3566	1 x Power Cord
1 x Power Adapter	1 x QIG