

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

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|--------------------------|--|
| System | |
| 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 |
| Communication | |
| Wireless | Wireless module of WiFi5/WIFI6 & BT V5.0 B TO B interface (Optional) |
| I/O Interface | |
| 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 |
| Power | |
| Input | 12V DC |
| Environment | |
| 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 |
| Physical Characteristics | |
| Color | Silver+Black |
| Mounting | Wall , Stand , ARM, VESA 75 |
| Dimensions (LxWxH) (mm) | 180 x 116 x 35.45 mm |
| LCD | |
| 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 |
| Touch | |

| | |
|-----------------------|--|
| Touch Screen | Multi-point projected capacitive type (anti-UV / anti-glare coating, support gloves) |
| | Surface hardness: 7H |
| Touch Controller | EETI EXC 81 Series |
| Other Features | |
| Audio | 1 x 1W (internal speaker) 1 x 3.5 mm Audio Jack (Line out/Line in) |
| I/O Interface | |
| 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 |
| OS Support | |
| OS Support | Android 12.0 / Debian 10 (Kernel 4.19) |

Ordering Information

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|----------------------------|---|
| 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

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