

## AFL4-W10-RK3568

10.1" Fanless Panel PC with Rockchip® RK3568 Processor



## Features

- » Rockchip RK3568 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

| System                      |                                                                  |
|-----------------------------|------------------------------------------------------------------|
| Cooling method / System Fan | Fanless                                                          |
| CPU                         | Rockchip® RK3568 (Quad-core Cortex-A55, up to 2.0 GHz)           |
| Chipset                     | SoC                                                              |
| On-board Memory             | 4GB LPDDR4/4X, Up to 8GB                                         |
| Storage                     | 32GB eMMC NAND FLASH                                             |
| Drive Bays                  | 1 x Micro SD Slot                                                |
| Communication               |                                                                  |
| Wireless                    | Wi-Fi 5/6 & BT5.0 (IEI wireless module optional)                 |
| I/O Interface               |                                                                  |
| Audio                       | AMP 1.3W (internal speaker)                                      |
|                             | 1 x Audio Jack (Mic-in&Lineout)                                  |
| Expansion                   | 1 x 3042/52 B-key (PCIe Gen2 x1, USB2.0)                         |
|                             | 1 x On-board SIM card socket (hinge type) for M.2 B key          |
| I/O Ports                   | 2 x USB3.0 Type A (1 x OTG, 1 x HOST)                            |
|                             | 2 x USB2.0 Type-A                                                |
|                             | 2 x RS-232 & 2 x RS-485 by 1 x DB9                               |
|                             | 1 x HDMI™ 2.0 output                                             |
|                             | 2 x 1GbE RJ45 By YT8521SC                                        |
| Power                       |                                                                  |
| Input                       | 12V DC Jack                                                      |
| Power consumption           | 12V@2.25 (Rockchip® RK3568 with 4GB Memory, 32G eMMC, Debian OS) |
| Environment                 |                                                                  |
| Operating Temperature       | -10°C ~ 50°C with air flow                                       |
| Humidity                    | 10% to 90% @40°C (non-condensing)                                |
| Storage Temperature         | -20°C ~ 60°C                                                     |
| IP Level                    | Front panel IP64                                                 |
| Physical Characteristics    |                                                                  |
| Color                       | Silver + Black                                                   |
| Mounting                    | Wall, Stand, Arm, VESA 75                                        |
| Dimensions (LxWxH) (mm)     | 243.56 x 166.2 x 38.65                                           |
| Net Weight                  | 1.18 / 2.32kg                                                    |
| LCD                         |                                                                  |
| Size                        | 10.1" (16:10)                                                    |
| Resolution                  | 1280 x 800                                                       |

|                     |                                              |
|---------------------|----------------------------------------------|
| Brightness (cd/m2)  | 420                                          |
| Contrast Ratio      | 1000:1                                       |
| Viewing Angle (H-V) | 160°/160°                                    |
| Backlight MTBF      | 30000 hours                                  |
| Touch               |                                              |
| Touch Screen        | PCAP with USB interface (anti-UV/AG coating) |
| Touch Controller    | EETI EXC81 Series                            |

## Ordering Information

|                       |                                                                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AFL4-W10-RK3568-R10   | 10.1" 420cd/m² 1280x800 fanless Panel PC with RK3568 on-board Processor , 4GB LPDDR4 on-board , 32GB Emmc,Option:802.11a/b/g/n/ac/ax WiFi&Bluetooth®5.2 module, PCAP touch,Debian10 OS,R10  |
| AFL4-W10-RK3568-A-R10 | 10.1" 420cd/m² 1280x800 fanless Panel PC with RK3568 on-board Processor , 4GB LPDDR4 on-board , 32GB Emmc,Option:802.11a/b/g/n/ac/ax WiFi&Bluetooth®5.2 module, PCAP touch,Android12 OS,R10 |

## Packing List

|                |                   |
|----------------|-------------------|
| 1 x Power Cord | 1 x Power Adapter |
| 1 x QIG        |                   |

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Panel PCs](#) category:*

*Click to view products by [IEI](#) manufacturer:*

Other Similar products are found below :

[PPC2-C170-ADLP-i5/8G-R10](#) [UTC-115GP-WUS1F](#) [PWS-870-MBC00E](#) [UTC-532C-GE](#) [UTC-520A-GE](#) [POC42412B2401-CT](#) [PPC-112W-PK92AA](#) [PWS-870-UCOVER00E](#) [USC-130AP-BC106](#) [USC-160AP-BC106](#) [UTC-120KP-WUS1E](#) [UTC-307GP-ATB1E](#) [UTC-310GP-ATB1E](#) [UTC-315DR-ATB0E](#) [UTC-320IP-ATB0E](#) [UTC-510GP-ATB1E](#) [UTC-520J-PE](#) [UTC-532JP-ATB0E](#) [WOP-204K-NAE](#) [WOP-207K-NAE](#) [ESRP-HMI-TPC1551](#) [ESRP-HMI-TPCB200](#) [AFL3-W15A-BT-J1/PC/2G-R13](#) [AFL3-W19C-ADLP-i3/8G-R10](#) [AFL4-W10-RK3568-R10](#) [AFL4-W15-EHL-J1/8G-R10](#) [PPC2-C15-ADL-P/8G-R10](#) [PPC2-CW22-EHL-J1/8G-R10](#) [003002400100](#) [1050387](#) [2400253](#) [1261659](#) [1274012](#) [1274014](#) [110070048](#) [SPTM20XP](#) [RT101-Pro](#) [RT71-PRO](#) [XPTB10X](#)