

# AFL4-W10-RK3568

IEI Light Industrial Panel PC

Powered by Rockchip RK3568 Platform



WWW.IEIWORLD.COM



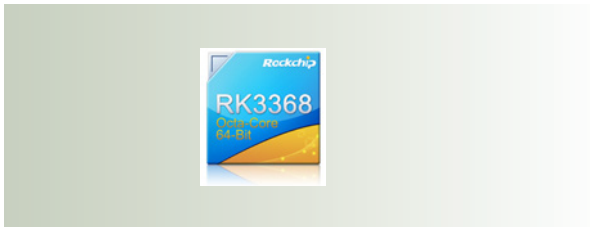
# AFL4-W10-RK3568

Fanless panel PC with narrow bezel design, Rockchip RK3568 processor, onboard 4GB LPDDR4/4X, 32GB eMMC, HDMI2.0, two 1GbE RJ45, two USB2.0, two USB3.0, two RS-232 & two 485, Audio Jack, Option WIFI/BT and 4G/5G module, AG/UV 10-point touchscreen



## Rockchip RK3568 SoC

Rockchip RK3568 chip quad-core Cortex A55 high-performance SoC, Mali G52 GPU & 1TOPS NPU



## Support 4K UHF Display Output

HDMI2.0 Up to 10 bits Deep Color modes, Up to 4096x2304@60Hz



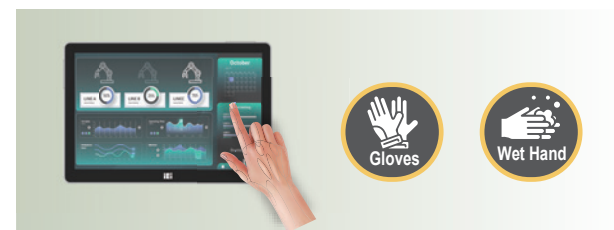
## Anti-glare and Anti-UV PCAP

With anti-glare and anti-UV coating, the 10-point touchscreen can display clearly without reflection for a long time use in outdoors and bright light environment.



## Works with Gloves and Water

The equipped capacitive touch screen supports gloved operation and waterproof function that can effectively eliminate false touch operating caused by water spray.



## Extensive I/O Interfaces

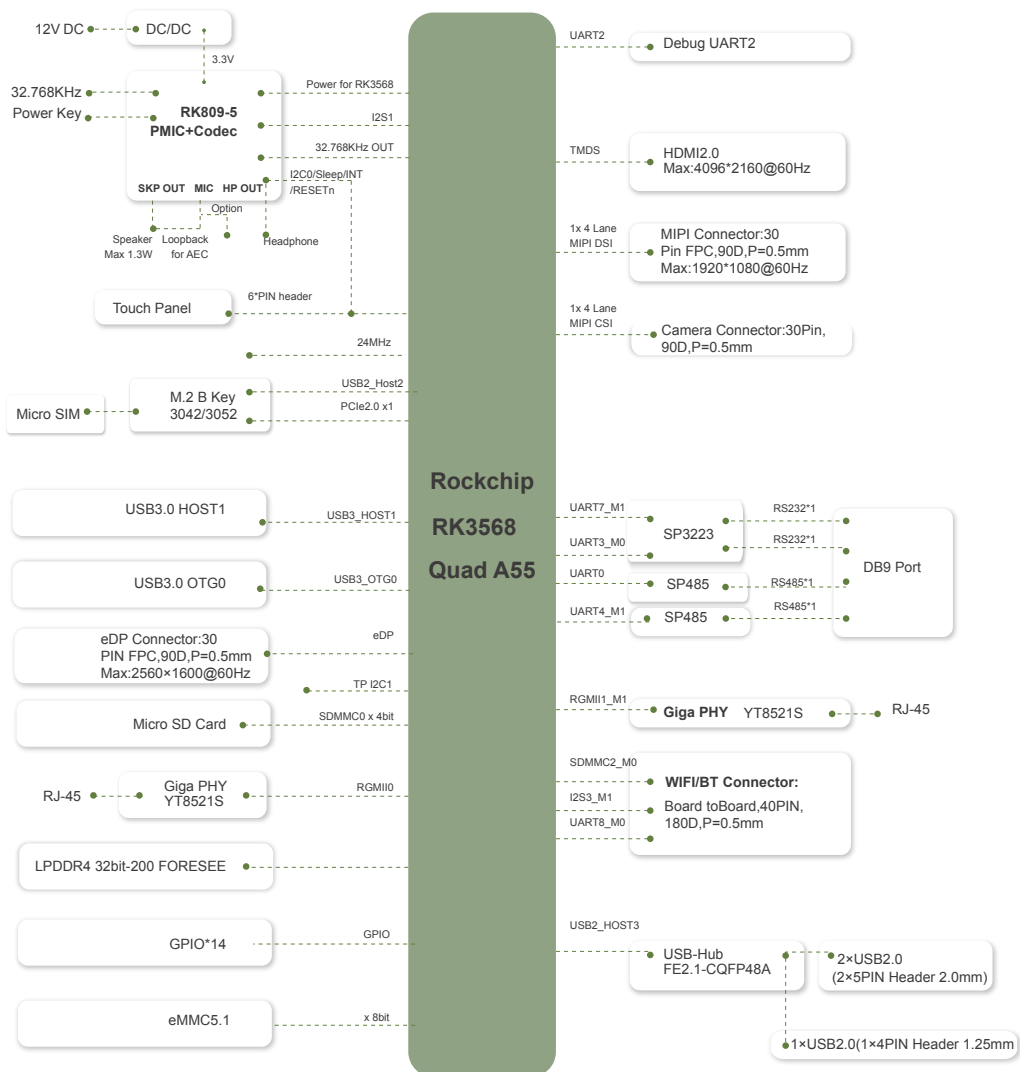
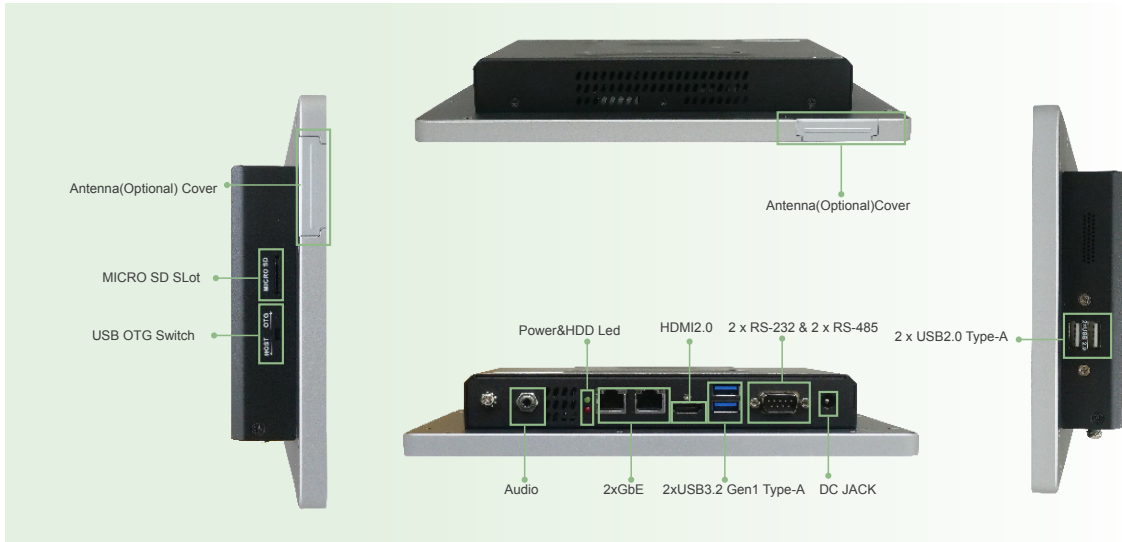
2xUSB3.0 Type A, 2xUSB2.0 Type A, 2xRS-232 & 2x485 by DB9 Port, 2x1GbE RJ45, HDMI2.0, Audio Jack, Micro SD Slot, internal M.2 B Key Slot support 4G/5G Module.



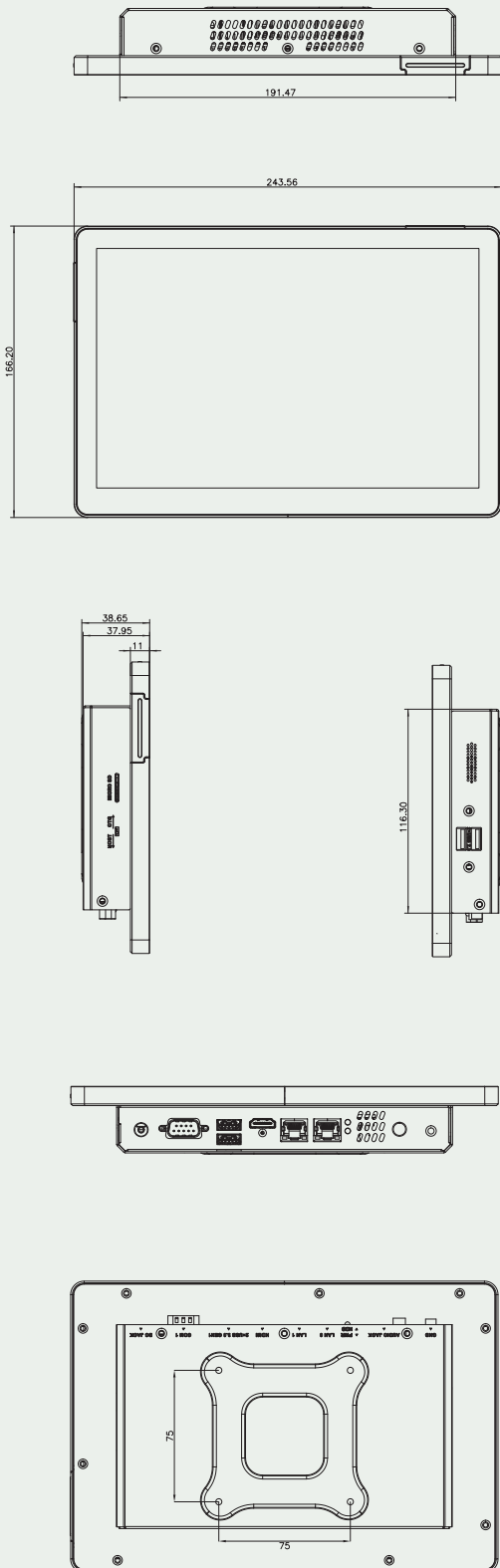
## WiFi5/WiFi6&BT5.0 and 4G/5G module Support optional

Wireless network communication is achieved through two front internal antennas with wifi5/6+bluetooth module or 4/5G module.





## Dimensions (Unit: mm)



## Specifications

Model		AFL4-W10-RK3568
LCD	Size	10.1" (16:10)
	Resolution (WxH)	1280 x 800
	Brightness (cd/m <sup>2</sup> )	420
	Contrast Ratio	1000:1
	Viewing Angle (H-V)	160°/160°
Touch	Backlight MTBF	30000 hours
	Touch Type	PCAP with USB interface (anti-UV/AG coating)
Mainboard	Touch IC	EETI EXC81 Series
	SOC	Rockchip® RK3568 (Quad-core Cortex-A55, up to 2.0 GHz)
	RAM	4GB LPDDR4/4X, Up to 8GB
	ROM	32GB eMMC NAND FLASH
	Storage	1 x Micro SD Slot
I/O Ports	1x DB9 Port	2 x RS-232 & 2 x RS-485 by 1 x DB9
	USB3.0	2 x USB3.0 Type A(1× OTG,1× HOST)
	HDMI	1 x HDMI2.0 output
	USB2.0	2 x USB2.0 Type-A
	RJ45	2 x 1GbE RJ45 By YT8521SC
Speaker	AUDIO	1 x Audio Jack ( Mic-in&Lineout)
	Speaker	AMP 1.3W (internal speaker)
Wireless	WLAN	Wi-Fi 5/6 & BT5.0 (IEI wireless module optional)
	4/5G LTE	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
Physical	Body Material	Aluminum die casting+SECC
	Mounting	Wall, Stand, Arm, VESA 75
	Color	Silver+Black
Environment	Operating Temperature (°C)	-10°C ~ 50°C with air flow
	Storage Temperature (°C)	-20°C ~ 60°C
	Humidity	10% to 90%@40°C (non-condensing)
	IP Level	Front panel IP64
	Safety&EMC	CE/EMC , FCC
	Thermal Solution	Fanless
	Power	12V DC Jack
	Power Consumption	12V@2.25 (Rockchip® RK3568 with 4GB Memory, 32GB eMMC, Debian OS)
	Weight	1.18kg / 2.32kg
	OS	Supported OS
Watchdog Timer		YES

## Packing List

Item	Q'ty
Power cord (EUROPEAN CODE) (32702-000202-100-RS)	1
Power Adapter (63040-410060-000-RS)	1
QIG	1

## Ordering Information

Part No.	Description
AFL4-W10-RK3568-R10	10.1" 420cd/m <sup>2</sup> 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/m <sup>2</sup> 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

## Options

Item	Part No.	Description
Arm	ARM-11-RS	VESA 75/100 Desk Arm
Stand	STAND-C12-R10	VESA 75/100 Easy Stand
WIFI Module	iWB-RTL8822-IA-R10	WiFi+Bluetooth Module, RTL8822CS, 2T2R,802.11a/b/g/n/ac Wi-Fi + BT5.0, with Internal WIFI 6E antenna
WIFI Module	iWB-BCM43752-IA-R10	WiFi+Bluetooth Module, AP6275S, 2T2R,802.11a/b/g/n/ac/ax Wi-Fi + BT 5.0, with Internal WIFI 6E antenna
WIFI Module	iWB-AP6275SDSR-IA-R10	WiFi+Bluetooth Module, AP6275SDSR, 2T2R, 802.11 a/b/g/n/ac/ax Wi-Fi + BT 5.3, with Internal WIFI 6E antenna, FCC ID