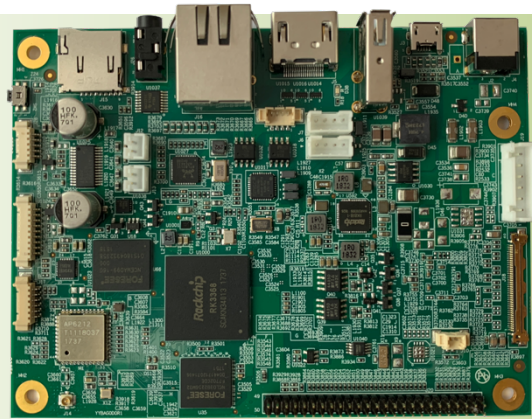


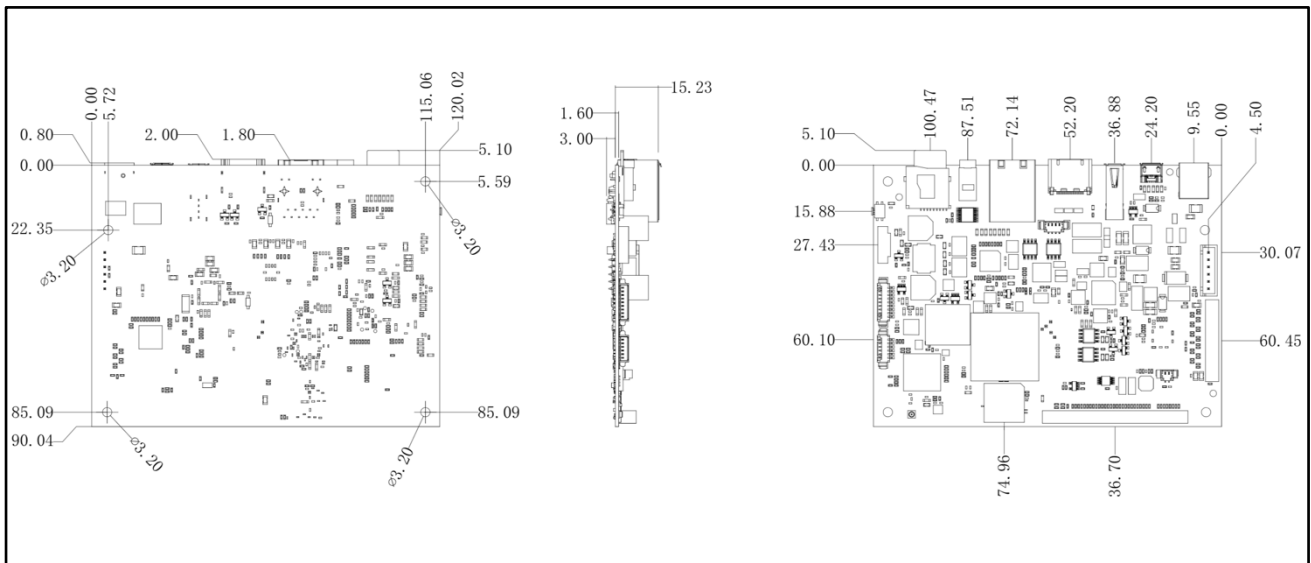
Vantron VT-SBC-RK68-MD is a high performance and cost-effective single board computer specifically designed for the long-life and high-resolution display applications.

Based on a Rockchip RK3368 Cortex-A53 Octa-Core processor, this single board computer supports 2K/4K video output, dual-LVDS and HDMI output. It has interface I/Os including Ethernet, USB, UART and WIFI/Bluetooth. The product support 12/24V power input with a power JACK connector and can run Android OS. SDK is available.



## Specifications

Product	VT-SBC-RK68-MD
CPU	Rockchip RK3368 Cortex-A53 Octa-Core High Performance Processor
Display	GPU: GC6110 600MHz
	Dual-LVDS (Optional MIPI, eDP), 1x HDMI Output
	1x6x2.54mm connector for backlight, support 5V/12V output for backlight power
	1x I2C for Touch Screen
RAM	LPDDR3-1066 1GB Standard (Optional 2GB)
EEPROM	2Kb EEPROM
Storage	16GB on board EMMC Flash (Optional 32GB), 1x micro-SD Slot
Ethernet	1x 10/100/1000M Ethernet RJ45 Ethernet
USB	1x USB Type-A, 3x USB Host 2.0 (1x4x2.0mm connector), 1x USB OTG
Wireless	WiFi support 802.11 b/g/n. Mode: AP, Station (Optional 2.4GHz&5GHz 802.11b/g/n/ac)
	Bluetooth 4.0 (Optional Bluetooth 5.0)
Debug	Audio Jack for Debug, RS232
UART	1x TTL UART
Button	Optional Vol+/Vol- button. Vol+ button support recovery.
Audio	2x 5W Speaker, (Optional 2x 10W Speaker)
	Stereo output, MIC input
Sensor	3-axis G-Sensor
Power Input	12V/24V power input, power JACK connector, 2.1x5.5mm.
Dimension	120 x 90mm
OS	Android 7.1
Temperature	Operating: 0 - +60°C, Storage: -20 - +70°C
Humidity	10~85%RH (Non-Condensation), Operating and Storage



## Accessory


## Order Information

Contact us for more information

**Notes: All specifications are subject to change without notice. Please contact Vantron for additional requirements.**