

Vantron VT-SBC-RK35M is a cost-effective and high performance single board computer. This product is based on ARM Rockchip Cortex-A17 RK3288 quad core high performance processor, with Standard Industrial 3.5" size.

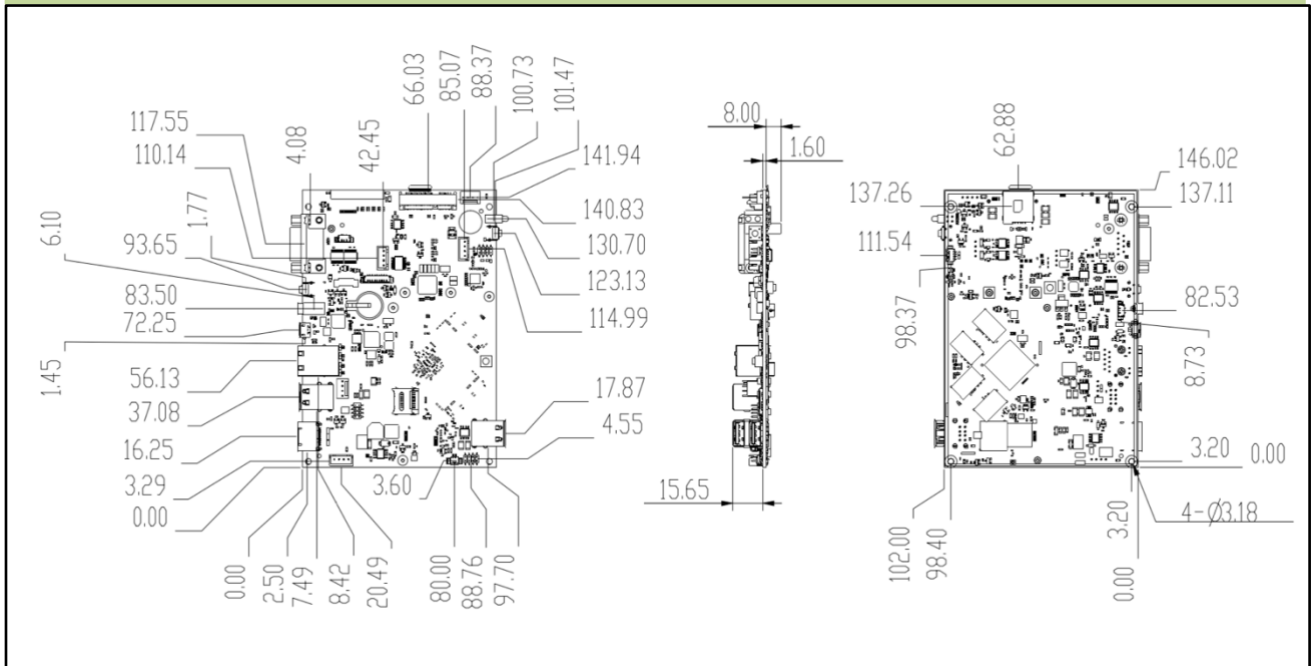
On board 2GB (Optional 4GB) DDR, On board 8GB (Optional 16GB or 32GB) EMMC. Support 4K CODEC, H.265 and Support Extended Temperature: -40°C ~ +85°C

Support Linux, Android OS



Specifications

Standard	Size	Standard Industrial 3.5' board 146mm x 102mm Size	
System	Processor	Rockchip RK3288 Cortex-A17 Quad Core, Up to 1.8GHz	
	RAM	Up to 4GB on board DDR3L 935MHz (Optional 2GB)	
	Storage	On board 32GB EMMC, Optional 16/64GB or Other Size	
	Ext Storage	1 x micro-SD	
Display	Video Out	Up to 4K, 2D/3D Accelerator, 16/18/24 bit 1xHDMI1.4 Type A port; 1xEDP 2xLVDS, single-channel 165Mpix/s, Support Dual Display	
	Back Light	LCD Back Light , 12V or 5V optional LCD Power 12V or 5V optional	
I/O Ports	Ethernet	1x10/100Mbps/1Gbps Ethernet, RJ45	
	USB	4xUSB 2.0 Host (480Mbps), Type-A, support Touch Screen, Print, USB Mouse, USB Storage 2xUSB2.0 Internal 1xUSB2.0 Host (Internal, 4x1.25mm) 1xUSB2.0 OTG (480Mbps, micro-USB)	
	Audio	MIC Input, Headphone Output Optional 3.4W/4Ω Speaker	
	COM Port	1xRS232 (DB9) 1XRS232/RS485/RS422 (Internal) 1xDebug Port (3.5mm interface)	
	PCIe	1x mini-PCIE (Can use for WIFI module)	
	WIFI	On board WLAN 802.11 a/b/g/n/ac, Support AP and Client	
	RTC	Support	
	Bluetooth	Bluetooth 4.1 WIFI + BT in single antenna	
	GPIO	x8 In/Out	
	SIM Card	1xSIM Slot	
	Software	OS	Support Linux, Android OS
		SDK	Support
	Power	Input	12V Input (8-17V) 6x2.54mm interface, Optional Power Jack
Mechanical	Dimensions	Standard Industrial 3.5' Board: 146mm x 102mm	
Environment Condition	Temperature	Operating: -20°C ~ +70°C (Optional Wide Temperature: -40°C ~ +80°C) Storage: -40°C ~ +85°C	
	Humidity	5-85%RH (Non-Condensation), operating and storage	
	Cooling Mode	Fanless, Heat Sink	



Accessory

Heat Sink	1pc
Mounting Screw	4pc
Mounting Nut	4pc

Order Information

VT-SBC-RK35M	-X	XX
	2:2G DDR	16:16G EMMC
	4:4G DDR	32:32G EMMC
	X	64:64G EMMC
		Or Other Size
Sample	VT-SBC-RK35M-432	
<p>Notes: All specifications are subject to change without notice. Please contact Vantron for additional requirements.</p>		