

EMB-7532 Embedded Industrial Motherboard Based on RK3399 ARM Architecture



Product :

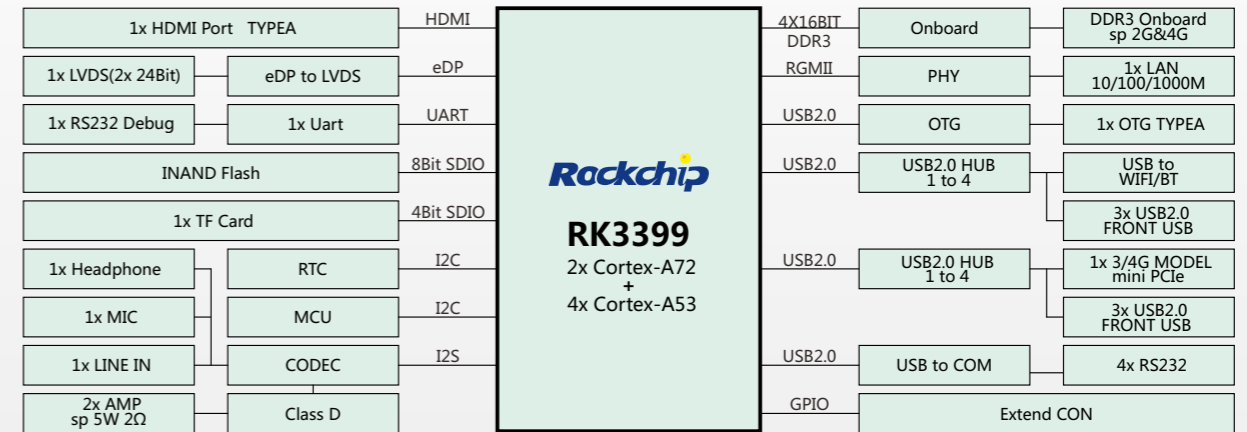
- ◆ Based on Rockchip RK3399 2x A72+ 4x A53 processor
- ◆ On board 2GB DDR3 memory (4GB optional) , and 8/16/32/64/128GB EMMC Flash
- ◆ Support LVDS+ HDMI display port
- ◆ Provide 5x COM , 1x Debug ; 6x USB2.0 , 1x USB OTG ; 1x LAN , on board WiFi , support 2.4G/5G (optinoal) ; 1x Head Phone , 1x Mic , support 5W 2Ω dual channel power amplifier
- ◆ Provide 1x MINI PCIe (support 4G) , 1x SIM card slot , 1x TF card slot
- ◆ Size : 200mmx 140mm



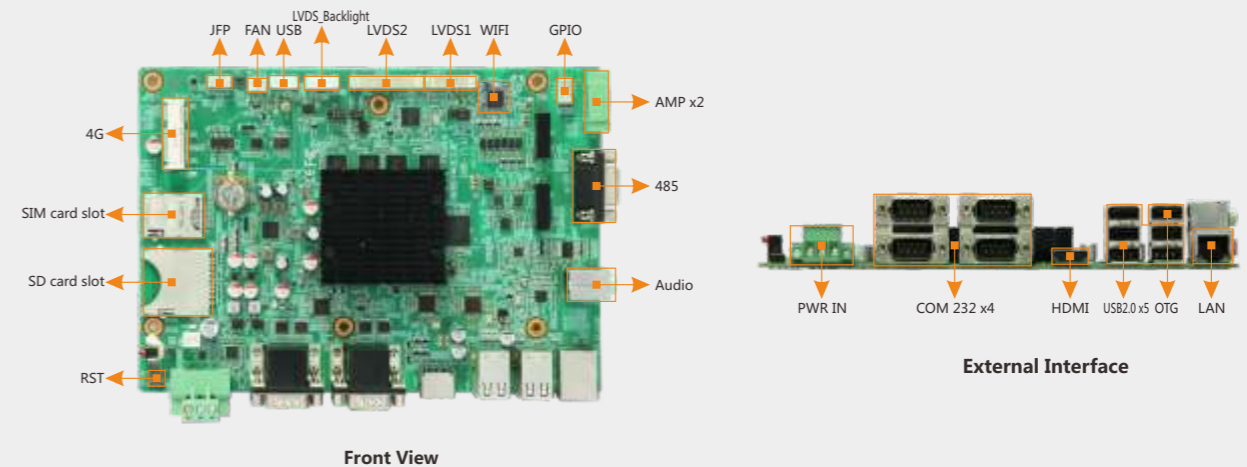
Specification :

Model		EMB-7532
Processor	CPU	Rk3399 A72x dual core 2GHz + A53x quad core 1.5GHz
	GPU	Mali-T860@MP4 GPU
Memory	Capacity	On board 2GB/4GB , standard 2GB
	Technology	DDR3
	Flash	On board 8GB/16GB/32GB/64GB/128GB EMMC (optinoal) , standard 8GB
Graphics	LVDS	1x dual 8bit LVDS interface , resolution up to1920x 1080 @60Hz
	HDMI	1x HDMI , support resolution: 4Kx2K @60Hz
Ethernet	LAN	1x Rj45 , support 10/100/1000Mbps
	WIFI	Support , 2.4G/5G , default 2.4G
	Bluetooth	Optinoal
Function	Audio	1x MIC , 1x Headphone , 1x line out , on board 5W 2Ω dual channel power amplifier , the interface is led out from the green terminal
	USB	5x USB 2.0 , 1x OTG
	COM	1x RS232 Debug , 1x RS232/RS485/TTL , 3x RS232/TTL
	I/O	6x GPIO (3x GPI , 3x GPO , support isolation optional)
Expansion	PWM	1x PWM (Multiplexing with GPIO)
	SPI	1x SPI (Multiplexing with GPIO)
	Mini PCIe	1x MINI PCIe support 4G
	SDIO	1x SD card slot
WatchDog Timer	SIM Slot	1x SIM card slot
	JFP	1x JFP interface
Power	WatchDog Timer	Support
	Power Supply Voltage	+12V
	Power Type	DC IN
Reliability	Max Power Consumption	15W
	Operating Temperature	0°C ~ 70°C
	Storage Temperature	-40°C ~ 85°C
Mechanical	Operating Humidity	5% ~ 95% RH , non-condensing
	Dimensions(Wx D)	200mmx 140mm
Operation System	Supported OS	Android/Linux

Structured Flowchart :



Interfaces :



Ordering Information :

Option	CPU	Memory	Flash	Display Port		LAN	COM	Expansion			WIFI	Bluetooth	P/N
				LVDS	HDMI			MINI PCIe	TF card slot	SIM card slot			
1	Rk3399	2GB	16GB	1	1	1	6	√	√	√	√	√	2.13.0353210009
2	RK3399	4GB	16GB	1	1	1	6	√	√	√	√	√	2.13.0353220009
3	Rk3399 wide temperature	2GB	16GB	1	1	1	6	√	√	√	√	√	2.13.0753210029

Dimension :

