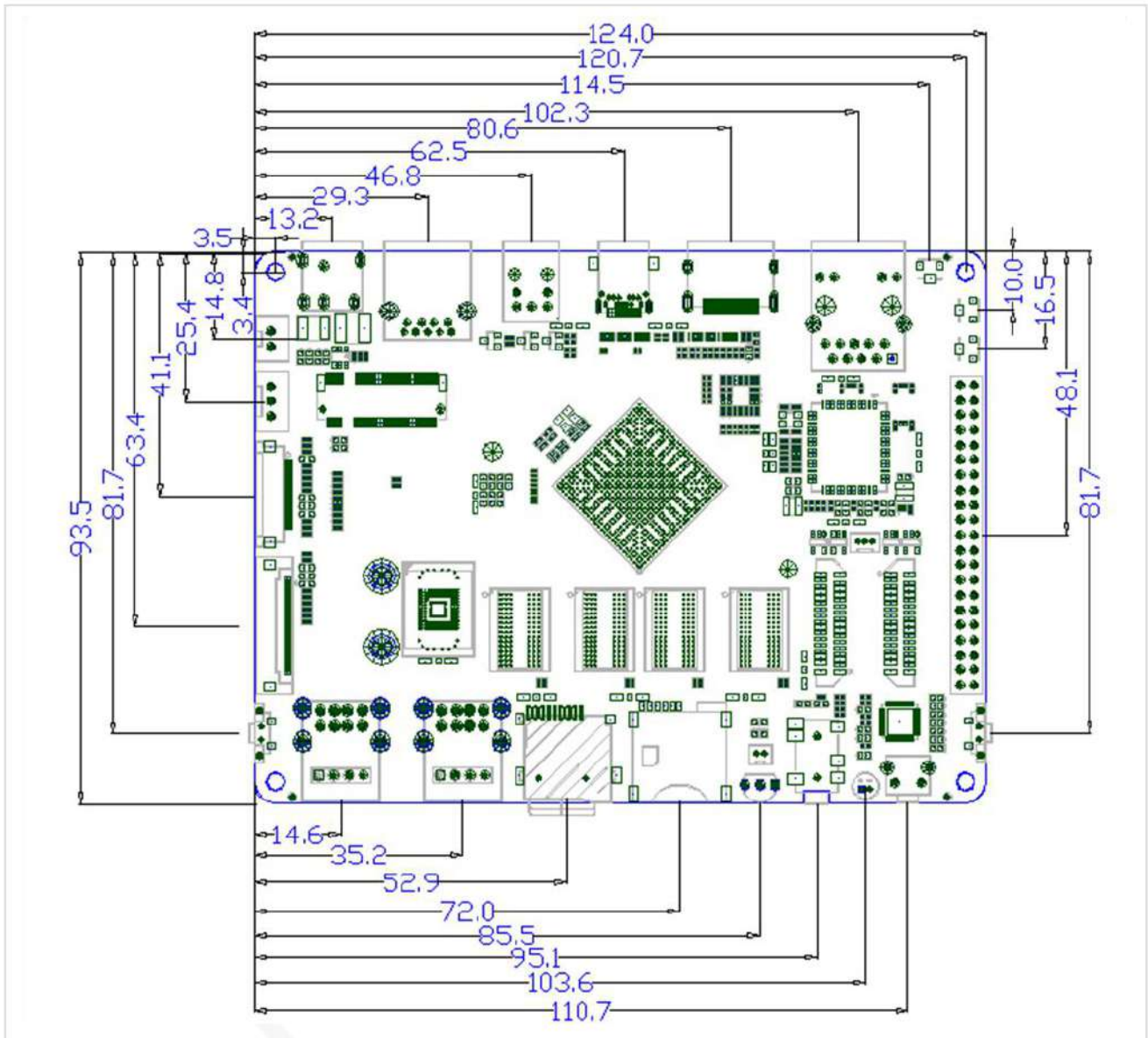


2. Hardware specifications

Type	Specifications
CPU	RK3399, dual Cortex-A72 big core + quad Cortex-A53 small core. The highest basic frequency is 1.8 GHz.
GUP	Quad core ARM Mali-T860 Support OpenGL ES 1.1/2.0 /3.0, OpenVG1.1, OpenCL, Directx11
DDR	2GB / 4GB (Optional) DDR-1866/DDR3L-1866/LPDDR3-1866/LPDR4
Memory	Support eMMC5.1 , SDIO3.0 8GB/16GB/32GB/64G/128G (Optional)
Decoding resolution / Multimedia	Support 4K video decoding up to 60fps
	1080P multi-format video decoding
	Support the encoding of 1080P videos with H.264 and VP8 formats
Display	Dual VOP display: It respectively supports 4096X2160 and 2560X1600 resolutions.
	Support dual channel MIPI-DSI (4 wires per channel)
	HDMI2.0 supports 4K 60Hz display, and HDCP 1.4/2.2
	Support DisplayPort 1.2 (4 wires, up to 4K 60Hz)
	Support eDP 1.3 (4 wires, 10.8 G bps)
	Support gamut mappings of Rec.2020 and Rec.709.
Ports	The dual ISP pixel processing capability is up to 13MPix/s, and it supports simultaneous data acquisition of dual cameras
	Support dual USB3.0 Type-C port
	Support PCIe 2.1 (4 full-duplex lanes)
	Built-in MCU of low power consumption
	Supports 8-channel digital microphone array input
Network	RJ45 interface gigabit ethernet
	Support 2.4GHz/5GHz dual-frequency WiFi, support 802.11a/b/g/n/ac protocols, Support Bluetooth 4.0
USB	2 x USB2.0 HOST , 1 x USB2.0 OTG , 2xUSB3.0
Infrared receiver	With a one-way infrared receiver, it has the function of infrared remote control.
Power Input	12/2A
Size	124mm x 93.5mm

3. PCB Size



- Thickness : 1.6mm
- Size : 124mm * 93.5mm
- Top surface height permitted : 14mm
- Undersurface height permitted : 5.5mm
- Screw hole size: 3mm