



Product model	SD58J
Processor	RK3588 quad-core Cortex-A76,2.4GHz and quad-core Cortex-A55,1.7GHz (total 8 cores) processors
Chipset	Based on RK3588 SOC platform
Internal memory	Onboard LPDDR4 8GB(4GB/16GB optional) RAM, up to 32GB
Display	ARM Mali-G610 MP4 quad-core GPU, supports OpenGL ES3.2 / OpenCL 2.2 / Vulkan1.1, 450 GFLOPS
	HD OUTPUT/LVDS/EDP/VGA/MIPI display is supported. For details, see Mainboard specifications
	Supports the same display on four screens and different display on four screens
Network	10/100/1000Mbps Ethernet interface,
WIFI	Support Bluetooth /WIFI module /WIFI6 module
Deposit	1* eMMC5.1 memory chip 64G (16GB/32GB/64GB/128GB optional)

	Support TF card expansion	
Tone frequency	Support Line-out, MIC, power amplifier, power amplifier support 2Ω5W/4Ω3W dual channel, for details, see the mainboard specifications	
Expansion slot	314pin MXM seat transfers the signal from the motherboard to the IO board	
IO	PCIE3.0	1*PCIE3.0 4I/2*2L
	PCIE2.0	3*PCIE2.0 1L/SATA3.0
	MIPI_RX	1*MIPI in put
	MIPI_TX	2*MIPI out put
	HD OUTPUT2.1 in put	2*HD OUTPUT0-2.1-TX/EDP
	HD OUTPUT2.1 out put	1*HD OUTPUT-2.0-RX
	I2C	2*I2C
	LAN	1*LAN(giga)
	SDIO	2*SDIO
	USB3.0/DP	2*USB3.0/DP/TYPPEC
	USB2.0	4*USB2.0
	HDD_LED	1*HDD_LED
	IIS-CODEC	1*IIS-CODEC
	SPI	1*SPI
	PWM	2*PWM
	DEBUG	1*DEBUG
	ADC	2*ADC
	RTC	1*RTC
	CAN	2*CAN
Power supply type	DC Input voltage 4V	
System	Android 12, Ubuntu 20.04	
Operating temperature	0°C to 60°C	

Storage temperature	-20°C to 70°C
Working humidity	5%-95% relative humidity, no condensation
Dimension	65mm * 82mm

