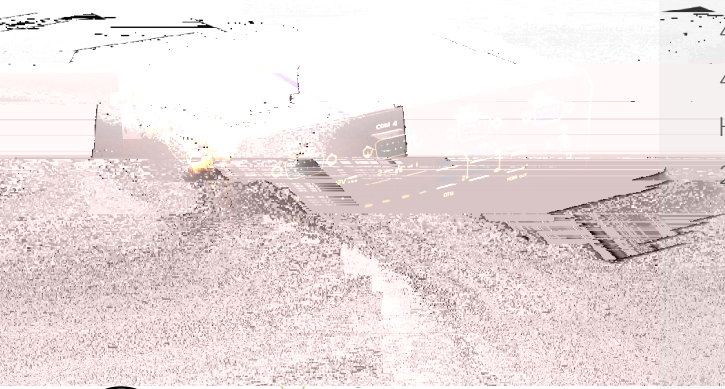


# JEA-E881

Rockchip RK3588J  
ARM



Rockchip RK 3588J SoC

4x Cortex-A76 + 4x Cortex-A55 + 6 TOPS NPU

4/8/16GB LPDDR4X + 32/64/128GB eMMC

HDMI In + HDMI Out 4K &

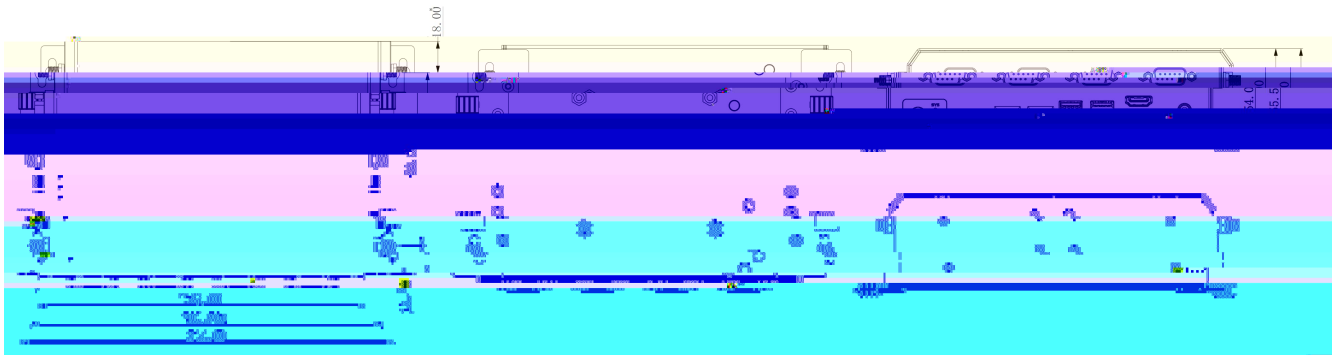
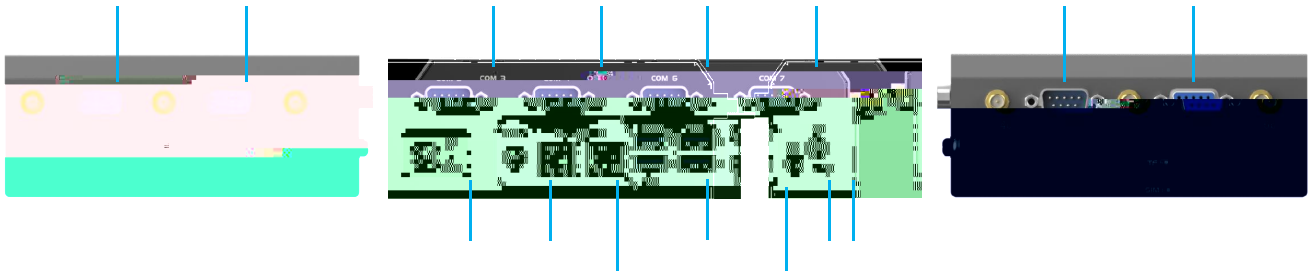
2x GbE 2x CAN 4x USB 6

WiFi BT 5G/4G NVMe SSD

Android / Linux / OpenHarmony

DIN / /

-40~70



	Rockchip RK3588J ( )	Rockchip RK3588 ( )
	4x Arm Cortex-A76, 2.0GHz 4x Arm Cortex-A55, 1.7GHz	4x Arm Cortex-A76, 2.4GHz 4x Arm Cortex-A55, 1.8GHz
	6 TOPS RKNN NPU, INT4/INT8/INT16/FP16 TensorFlow, Pytorch, Caffe, ONNX, MXNet	
	4GB/8GB/16GB LPDDR4X	
	32GB/64GB/128GB eMMC 5.1 for OS 1x M.2 2280 (PCIe x4), NVMe SSD AI 1x TF	
	Arm Mali-G610 MP4, OpenGL ES 1.1/2.0/3.2, OpenCL 2.2, Vulkan 1.2	
	H.265/H.264/VP9/AV1/AVS2, 8K 60 H.265/H.264, 8K 30	
	1x HDMI 2.1 Tx, 4K 60 1x HDMI 2.0 Rx, 4K 30	
	ES8336	
	1x 3.5mm Line out	
	2x RJ45, 10/100/1000 Mbps, 4kV	
	WiFi 5 (802.11ac) + Bluetooth 5.2	
	1x M.2 Key B (USB 3.0), 4G/5G ; 1x Micro SIM	
	LoRa/Zigbee	
	4x USB 3.0 Type-A ( OTG ) 2x DB9 RS-232/485 (BOM ) 2x DB9 RS-232/TTL (BOM )	
	2x DB9 RS-232/485/CAN (BOM ) 1x DB9 GPIO (7-bit GPIO+1-bit ADC) 1x DB9 Debug	
	CR2032	
	12V DC-IN	(9-36V DC-IN)
	5.5x2.5mm DC Jack	2P-3.81mm
	, Recovery , LED ( )	
	187mm x 135mm x 54mm	
	, DIN , VESA	
	Debian 12, Ubuntu 20.04/22.04, Android 12, OpenHarmony 5.0	
	Preempt-RT Qt A oïd	

CORR

DC 9-36V	-40-70
DC 12V	0-50
DC 12V	0-50
DC 12V	0-50

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