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PRODUCT INFORMATION

Product description	RK3588 industrial control box	Model Number:	AD-0160
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System	CPU	RK3588 octa-core CPU 8nm process 4 Cortex-A76 and 4 x Cortex-A55
	GPU	ARM Mali G610 MP4 GPU
	NPU	INT4/INT8/INT16/FP16 mixed computing capability with up to 6TOPs of computing power (INT8)
	RAM	8GB/16G (optional)
	Internal memory	32GB/64GB/128GB/256GB(optional)
	Operating system	Android 12
Network	WiFi	IEEE 802.11a/b/g/n/ac
	Dual wired network	Support 1000M wired network network*2
	Mobile Network	Supports wireless 4G network
	Bluetooth	Bluetooth 5.0
Motherboard Interface	TYPE_C	Standard Type_c*1
	DC holder*1	Front 5.5/2.5mm
	DC terminal input interface*1	4PIN pitch 3.81 terminal power input port*1
	Headphones	3.5MM support stereo with MIC headphone output port
	USB 3.0	USB 3.0_A*2
	HDMI_OUT_1	Support HDMI 2.1_OUT*1 (maximum support 7680*4320 60HZ output for single HDMI display)
	SIM card	SIM card port*1
	Ethernet port	Support 10/100/1000M Ethernet*1
	Speaker	Dual channel 4 Europe 5W speaker interface 4PIN spacing 3.81mm green terminals * 1
Sub-board interface	HDMI_IN*1	Support HDMI 2.0_4K input*1
	RS232 COM port	RS232 output DB9*2
	USB 3.0	USB 3.0_A port *2
	HDMI_OUT_2	HDMI 4K 60HZ output*1 (this interface does not work when HDMI_OUT 1 is selected to output 8K)
	DP(Display Port)	DP display output interface*1 7680x4320@30Hz output*1
	Ethernet port	Support 10/100/1000M Ethernet*1
	M.2 internal SSD interface	M.2 Built-in SSD expansion interface*1
Usage environment	RS485	RS485 3PIN pitch 3.81 green terminal block*1
	Working temperature/humidity	Temperature:-20~60℃ Humidity 5%-85%RH(non-condensing)
	Storage temperature/humidity	Temperature:-20~70℃ Humidity 5%-85%RH(non-condensing)
Housing	Color	Black
Housing	Material	Aluminum alloy + metal profile

Size	Motherboard Size	200*125mm
	Sub-board size	200*125mm
	Product Size	244*128*49.5mm
Other	Indicator light	Red and blue 2 colors
	Button	Upgrade key*1
	Power adapter	DC:12V/3A

Product measurement,mm

Unit (Without packaging)			Inner Box			lpcs/box			Outer Carton			5 pcs/CTN		
L	W	H	L	W	H	L	W	H	L	W	H	L	W	H
244*128*49.5mm			310*200*150mm						530*310*200mm					
Net (kg)			G. W (kg)			2.5kg			G. W (kg)			9.5kg		

Structural drawings

