

Project	Test Image Version	OS
EPC-R7200	Ubuntu20.04	

No	Module	Test Item	Result	Result Comment
1	DEBUG UART	ADI ADM3101EACPZ - UART2	PASS	
2	Camera	MIPi-CSI	PASS	
3	UART	TI TXB0108RGYR LF COM1 - RS232	NA	no 40 pin
		TI TXB0108RGYR LF COM1 - RS422	NA	no 40 pin
		TI TXB0108RGYR LF COM1 - RS485	NA	no 40 pin
			NA	
4	WiFi		PASS	
5	Bluetooth		PASS	
6	LTE/5G		NA	跟厂家不到此卡
7	Ethernet	MDI	PASS	
		Intel i210AT	PASS	
		USB2514BI - M.2 E-Key	PASS	
		USB2514BI - UIO	PASS	CP2104 USB to UART : /dev/ttyUSB2
		USB2514BI - CP2105-F01-GM	PASS	/dev/ttyUSB0, /dev/ttyUSB1
		GL3590 - USB TypeA	PASS	
8	USB	GL3590 - UIO	PASS	
		GL3590 - M.2 B-Key	NA	LTE/5G
		GL3590 - M.2 B-Key	PASS	
		Micro USB	PASS	
9	MicroSD		PASS	
10	CAN BUS		PASS	
11	HDMI		PASS	
12	RTC	RTC Internal	PASS	
13	GPIO	TI TXB0108RGYR LF - GPIO	NA	no 40 pin
		NXP PCA6416AHF - GPIO	PASS	<pre> registered GPIOs 289 to 304 gpio289 > gpio289 gpio290 > gpio290 gpio291 > gpio291 gpio292 > gpio292 gpio293 > gpio293 gpio294 > gpio294 gpio295 > gpio295 gpio296 > gpio296 ----- ##gpio302 & gpio302 need to set the gpio304 to high## gpio304 > gpio304 gpio303 > gpio303 </pre>
14	Audio	Realtek ALC5640 - I2S1	PASS	
		TI TXB0108RGYR LF - I2S0	NA	no 40 pin
15	SPI	TI TXB0108RGYR LF - SPI0	NA	no 40 pin
		TI TXB0108RGYR LF - SPI1	NA	no 40 pin
		TI TCA9545APWR	PASS	
16	I2C	NXP PCA6416AHF	PASS	
		CODEC - I2C1	PASS	
		UIO - I2C2	PASS	
		TPM - I2C3	PASS	
			PASS	
17	WATCHDOG	Internal Watchdog	PASS	
18	M.2 E-Key	UART0	PASS	
		PCIe0	PASS	
19	Button	Reset Button	PASS	
		Recovery Button	PASS	

UIO-4030

No	Module	Test Item	Result	Result Comment
1	RS485	TL_SN65HVD75DR (COM_4)	PASS	
2	RS232	(COM_3)	PASS	
3	GPIO	(CN3 - GPIO)	PASS	海岸跟gpio正常
4	EEPROM	ST_M24C02-FMNGTP	NA	

UIO-4032

No	Module	Test Item	Result	Result Comment
1	RS232	(COM_3)	PASS	
		(COM_4)	PASS	
2	USB-A	(USB_1)	PASS	
3	LAN	SMSC LAN7500-ABZJ	PASS	
4	EEPROM	ST_M24C02-FMNGTP	NA	

UIO-4034

No	Module	Test Item	Result	Result Comment
1	RS232	(COM_3)	PASS	
		(COM_4)	PASS	
2	CAN	CAN	PASS	
3	EEPROM	ST_M24C02-FMNGTP	NA	

UIO-4036

No	Module	Test Item	Result	Result Comment
1	LAN	SMSC LAN7500-ABZJ	PASS	
2	LAN Switch	Realtek RTL8368MBI-CG	PASS	
3	EEPROM	ST_M24C02-FMNGTP	NA	