



Function	Interface Description	Function	Function	Function	Function
J2	20PIN front panel socket	1、 GND	2、 FRONT_X0	3、 FRONT_X4	4、 FRONT_Y4
		5、 FRONT_X3	6、 FRONT_Y0	7、 FRONT_Y2	8、 FRONT_X1
		9、 FRONT_Y1	10、 ALARM	11、 REC	12、 FRONT_IR
		13、 LINK	14、 +3.3	15、 FRONT_Y3	16、 FRONT_X2
		17、	18、 GND	19、	20、
CN4、 CN5	10PIN front panel socket	1、 +3.3	2、 GND	3、 FRONT_IR	4、 FRONT_Y2
		5、 FRONT_Y1	6、 FRONT_X2	7、 FRONT_Y3	8、 FRONT_X1
		9、 FRONT_ALARM	10、 FRONT_REC		
J3	Serial port				
CNT1--CNT5	SATA				
CN3	USB expansion seat				
CN1、 CN2	MCU front panel socket	1:+5V	2: GND	3:+5_STB	4:GND
		5:NC	6:NC	7: UART4_SINT	8: UART4_SOUT
		9: PWR_S	10:GND		
J1	Fan control interface (3 pin control speed)				
JT1、 JT2	FAN power socket				
JT3、 JT5	SATA power socket				
J5	Switch terminal				
JT6	12V input				
CN9	RS485				
CN8	Audio input interface				
J6	2USB+RJ45				
J7	HDMI				



CN7	VGA				
CN11	Audio output interface				
CN10	Audio output interface +CVBS				
CN12—CN19	BNC Video input				
CN6	Audio + alarm extension seat	1:GND	2:+5V	3:GND	4:+5V
		5:AUDIO1	6:+5V	7:AUDIO4	8:AUDIO5
		9:GND	10:GND	11:AUDIO2	12:AUDIO3
		13:AUDIO8	14:AUDIO7	15:AUDIO6	16:ALARM_IN1
		17:ALARM_IN4	18:ALARM_IN2	19:ALOUT1	20:ALARM_IN3
JT4	40PIN Combinatorial extension	1: GND	2: AUDIO16	3: AUDIO15	4: GND
		5: AUDIO11	6: AUDIO12	7: GND	8: AUDIO10
		9: AUDIO9	10: GND	11: AUDIO14	12: AUDIO13
		13:GND	14: ALOUT4	15: ALOUT2	16:GND
		17: ALOUT3	18: ALARM_IN16	19:GND	20: RS232_R
		21: RS232_T	22:GND	23: RS485_B	24: RS485_A
		25:GND	26: ALARM_IN10	27: ALARM_IN9	28:ALARM_IN11
		29: ALARM_IN8	30: ALARM_IN12	31:GND	32:GND
		33: ALARM_IN5	34: ALARM_IN13	35: ALARM_IN6	36:ALARM_IN14
		37: ALARM_IN7	38: ALARM_IN15	39:GND	40:GND
BT1	RTC Battery seat				
J4	Radiator fixing screw hole				