ESD

(ESD, electrostatic sensitive devices)

ESD

- ESD

5.6.12 JFP1 COM3_10 14
5.6.13 GPIO_PWR1 14
5.6.14 JAT1 14
5.6.15 CLR_CMOS1 14
6 15
6.1 15
6.1.1 JVC-9100 15
6.1.2 JVC-9101 16
6.2 17
6.3 5G 17
6.4 WIFI 18
7 BIOS 19
7.1 BIOS 19
7.2 BIOS 19
7.2.1 BIOS 19
7.2.2 19
7.3 BIOS 20
7.4 20
7.5 21
7.6 26
7.7 28
7.8 30
7.9 33
7.10 34
8 WDT 35
9 36
9.1 36

1

1.1

ЛVC-9100 ЛVC-9101 BOX UOS
Win10 Win11 IO

1.2

	- -10 60 95%@40℃	
	- With SSD:2Grms, IEC 60068-2-64, random 5~500Hz 1hr/axis	
	- With SSD: 15G, IEC 60068-2-27, half sine, 11ms duration	
	- Desk/Wall-mounting	
	- 4.5KG	- 4.7KG
	- 200mm(W)x89mm(H)x205mm(D)	- 200mm(W)x142.5mm(H)x205mm(D)

2

2.1

2.2

-40 85

95%@40℃

10cm

50cm

⚠

12

2.3

2.3.1

-
-
-
-
-

2.4

-
-
-
- 50mm 100mm
- (
-
- I/O 0.5V

3

3.1

□ 19″ ■ □
■ □ VESA □

4

4.1

⚠

⚠

⚠

I/O USB I/O

4.2

DCIN +12V	

⚠

5

5.1

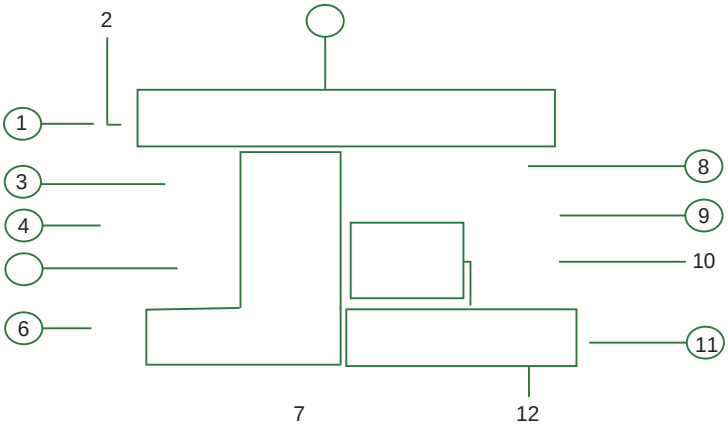
5.1.1 JVC-9100



5.1.2 JVC-9101

5.2 IO

5.2.1 JVC-9100



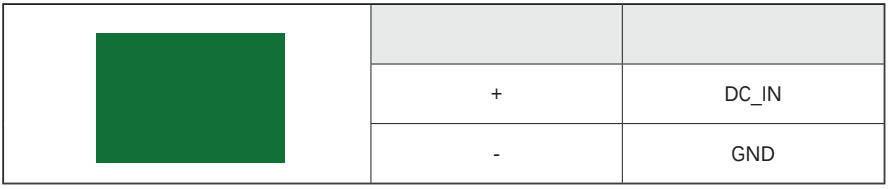
5.2.2 JVC-9101

1. PWR
2. HDD
3. VGA VGA
4. DC_IN DC
5. HDMI HDMI
6. PWR Button
7. COM1/2/3/4/5/6/7/8/9/10
8. LAN1/2/3/4 RJ45
9. LINE OUT
10. MIC IN
11. USB3.0 USB3.0
12. GPIO1/2 GPIO
13. Expansion slot

5.3

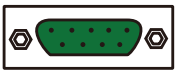
		LED	
PWR	PC		PC
HDD			

5.4 DC_IN

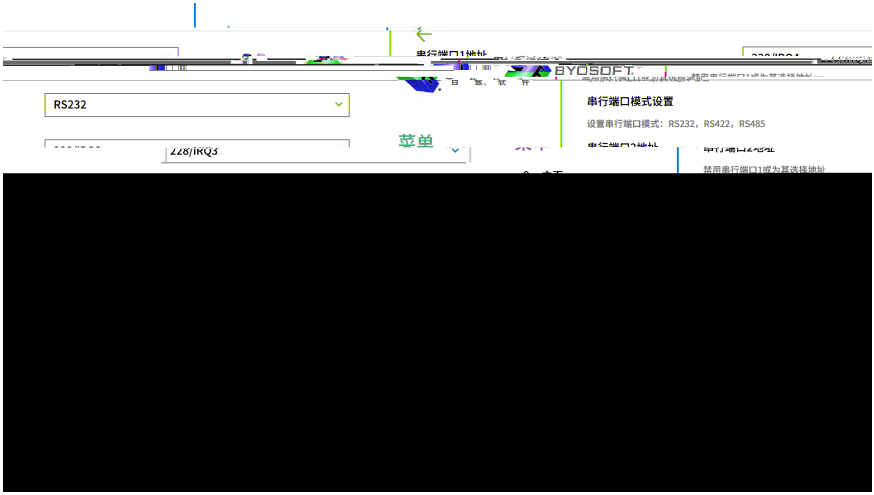


+	DC_IN
-	GND

5.5 COM1/2

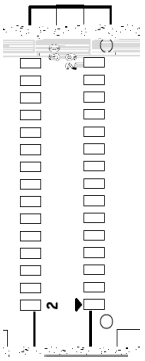
COM 				
	PIN	RS232	RS422	RS485
	1	DCD	422TX-	485-
	2	SIN	422TX+	485+
	3	SOUT	422RX+	/
	4	DTR	422RX-	/
	5	GND	/	/
	6	DSR	/	/
	7	RTS	/	/
	8	CTS	/	/
	9	RI	/	/

COM1-2 RS232/422/485 BIOS



5.6

5.6.1 LVDS

	1	LCD VDD	2	LCD VDD
	3	LCD VDD	4	LCD GND
	5	GND	6	GND
	7	LVDS_DATA0N_C	8	LVDS_DATA0P_C
	9	LVDS_DATA1N_C	10	LVDS_DATA1P_C

5.6.4 FUSB2

	1	VCC(5V)	2	VCC(5V)
	3	USB2.0_3-	4	USB2.0_4-
	5	USB2.0_3+	6	USB2.0_4+
	7	GND	8	GND
	9	NC	10	NC

5.6.5 FUSB3

5.6.9 LPT

5.6.12 COM3_10

	1	GND	2	GND
	3	COM3_SOUT	4	COM7_SOUT
	5	COM3_SIN	6	COM7_SIN
	7	GND	8	GND
	9	COM4_SOUT	10	COM8_SOUT
	11	COM4_SIN	12	COM8_SIN
	13	GND	14	GND
	15	COM5_SOUT	16	COM9_SOUT
	17	COM5_SIN	18	COM9_SIN
	19	GND	20	GND
	21	COM6_SOUT	22	COM10_SOUT
	23	COM6_SIN	24	COM10_SIN
	25	GND	26	GND

5.6.13 GPIO_PWR1

	1-2	5V
	2-3	3.3V

5.6.14 JAT1

	1-2	ATX MODE
	2-3	AT MODE

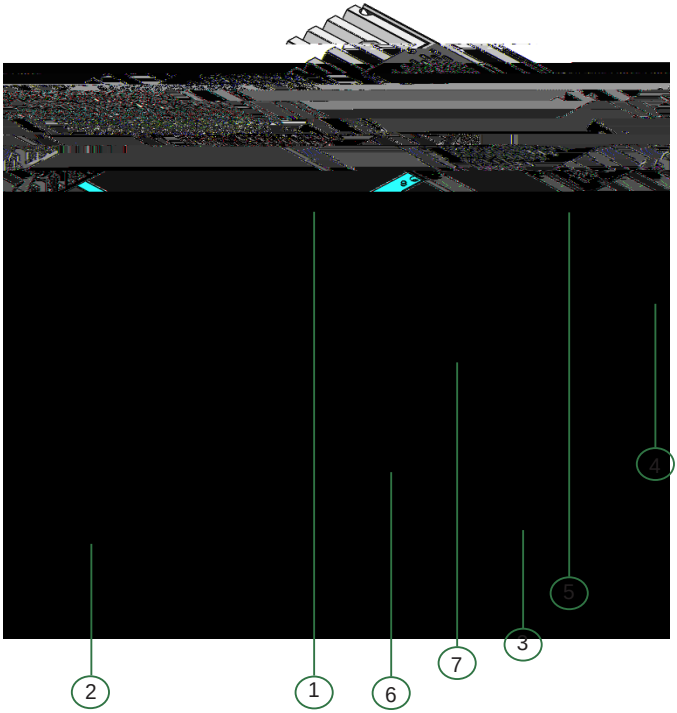
5.6.15 CLR_CMOS1

	1-2	Clear CMOS
	2-3	Normal (Default)

6

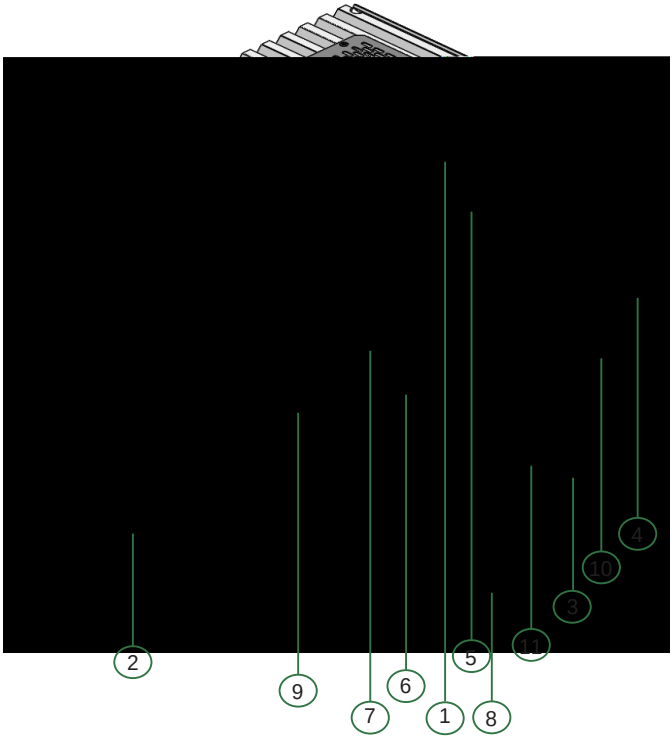
6.1

6.1.1 JVC-9100



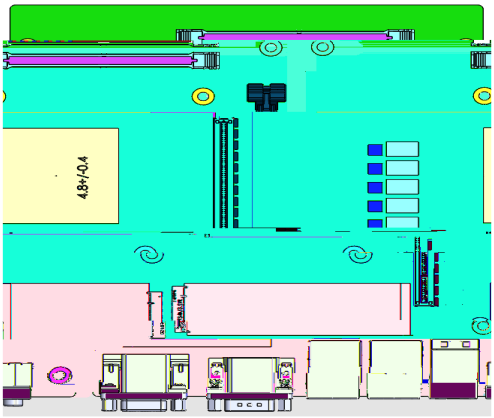
1		2		3	
4		5		6	
7					

6.1.2 JVC-9101

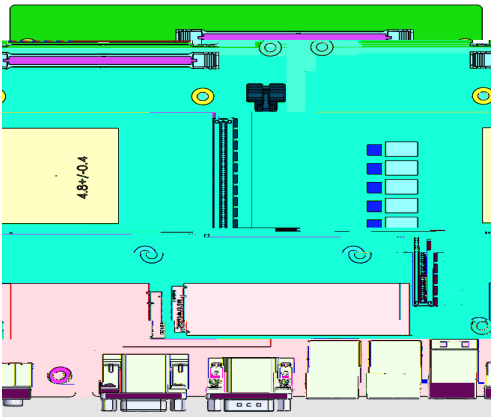


1		2		3	
4		5		6	
7		8		9	
10		11			

6.2

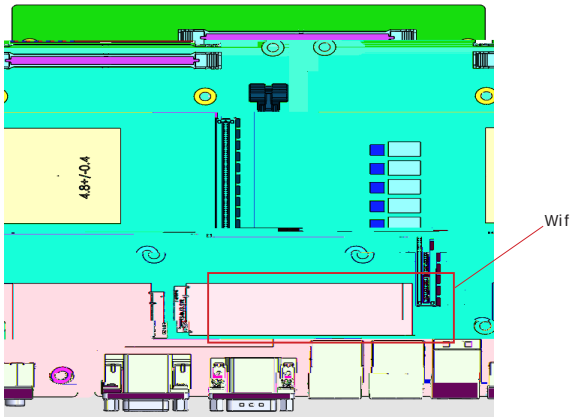


1.



1. a. 5G M.2 B 45° ;
   b.
2. 45° 5G ;
   1.

6.4 WIFI



( )

1.
   a. M.2 A+E Key WiFi 45° ;
   b.
2. 45° WIFI
   1.

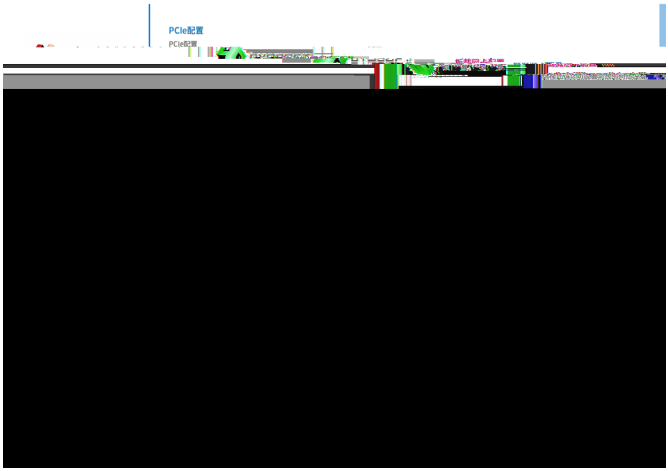
7.3 BIOS

		BIOS
		BIOS
		BIOS
		BIOS

7.4

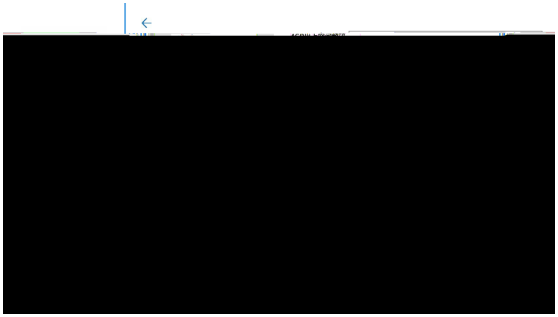


7.5

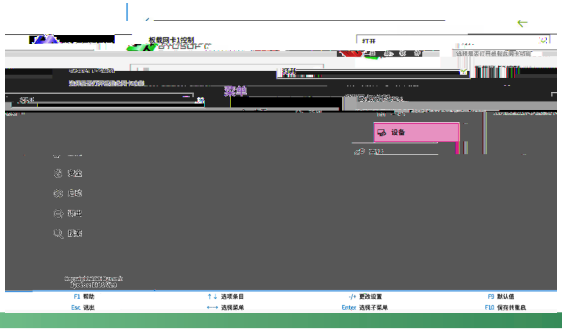


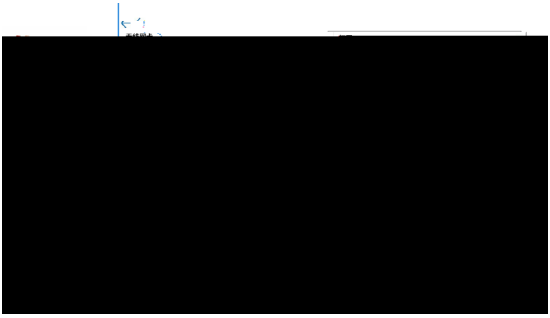
PCIe

4GB



1~3

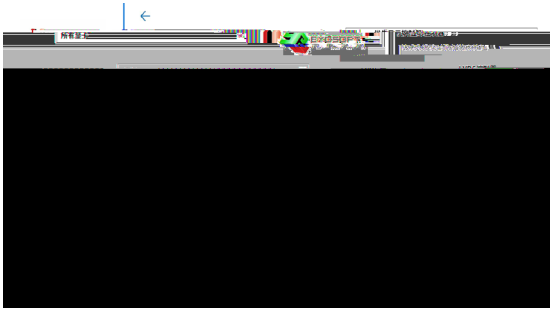






LVDS

LVDS



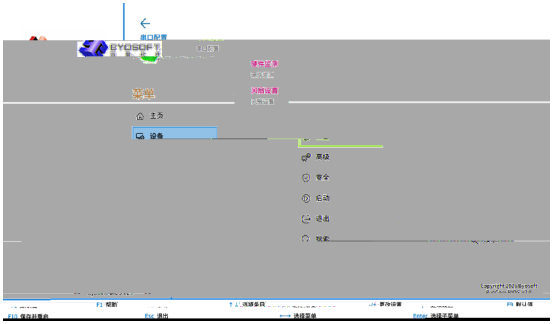
SATA

xxx #

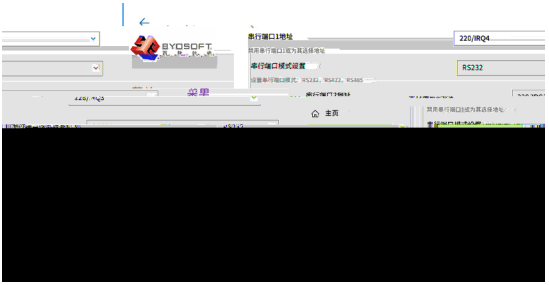


SIO

SIO



<Enter> RS232 RS422 RS485



<Enter> CPU



1)CPU/SYS

CPU/SYS

2)CPU/SYS

CPU/SYS 0~80

3)CPU/SYS

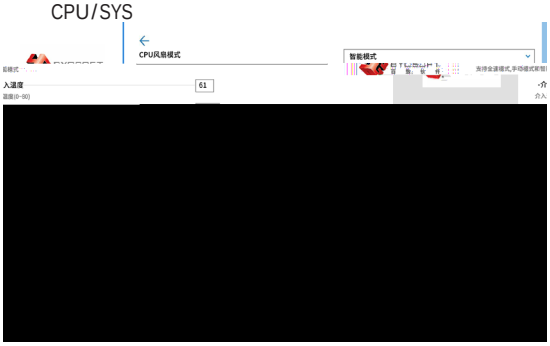
CPU/SYS 40~110

4)CPU/SYS

CPU/SYS 0~255

5)CPU/SYS

CPU/SYS



XGBE

XGBE

PCI

PCI

7.6

ACPI

ACPI S4

( )

RTC

7.7



8 20

: Enter

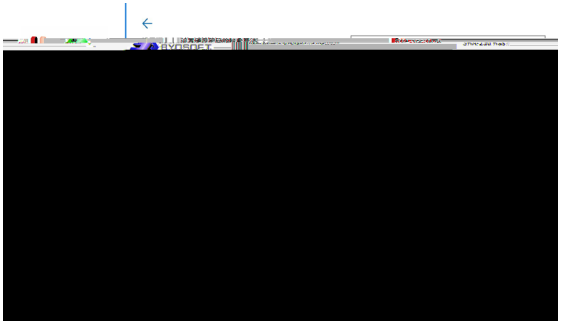
TPM(TCM)

TPM(TCM) FTPM FTCM CPU

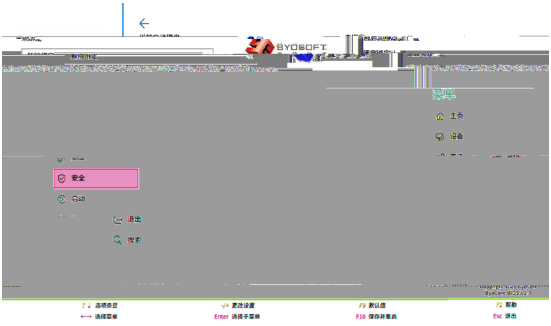
FTPM FTCM CBS PSP

CBS

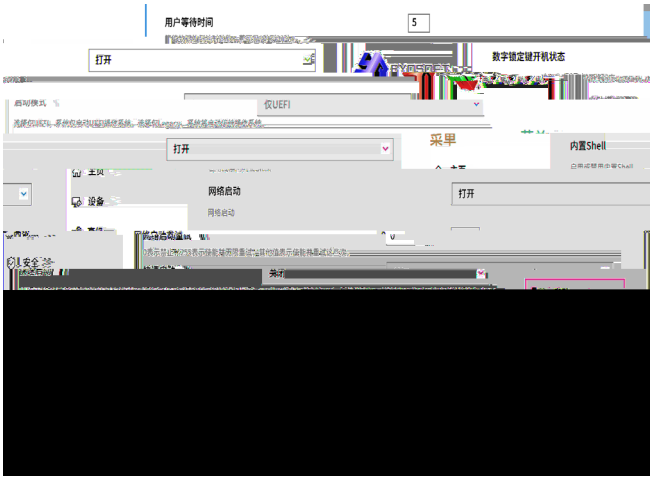
Shaun256 SM3




51.625 °C
CPU温度
CPU_FAN1速度
1950 RPM
菜单
主页
设备
高级
0 RPM
44 °C
VDDIO_DDR
1.0791 V
12V


菜单
主页
设备
安全
退出

7.8



1 ~20

SHELL

SHELL

0 255

/

IPV4 PXE

IPV4 PXE

IPV6 PXE

IPV6 PXE

PXE

PXE

0~5

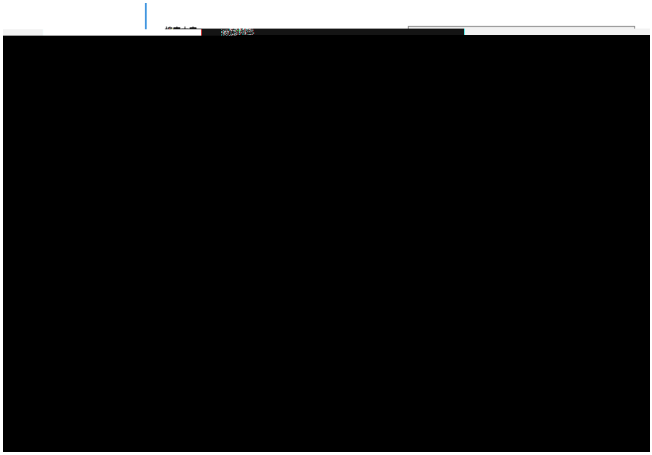
1~50





7.9

7.10



9

9.1

		/
		1 2 12
	“ ”	
		1 2