

[CMUV63W]

[User's Manual]



六联智能
SIXUNITED

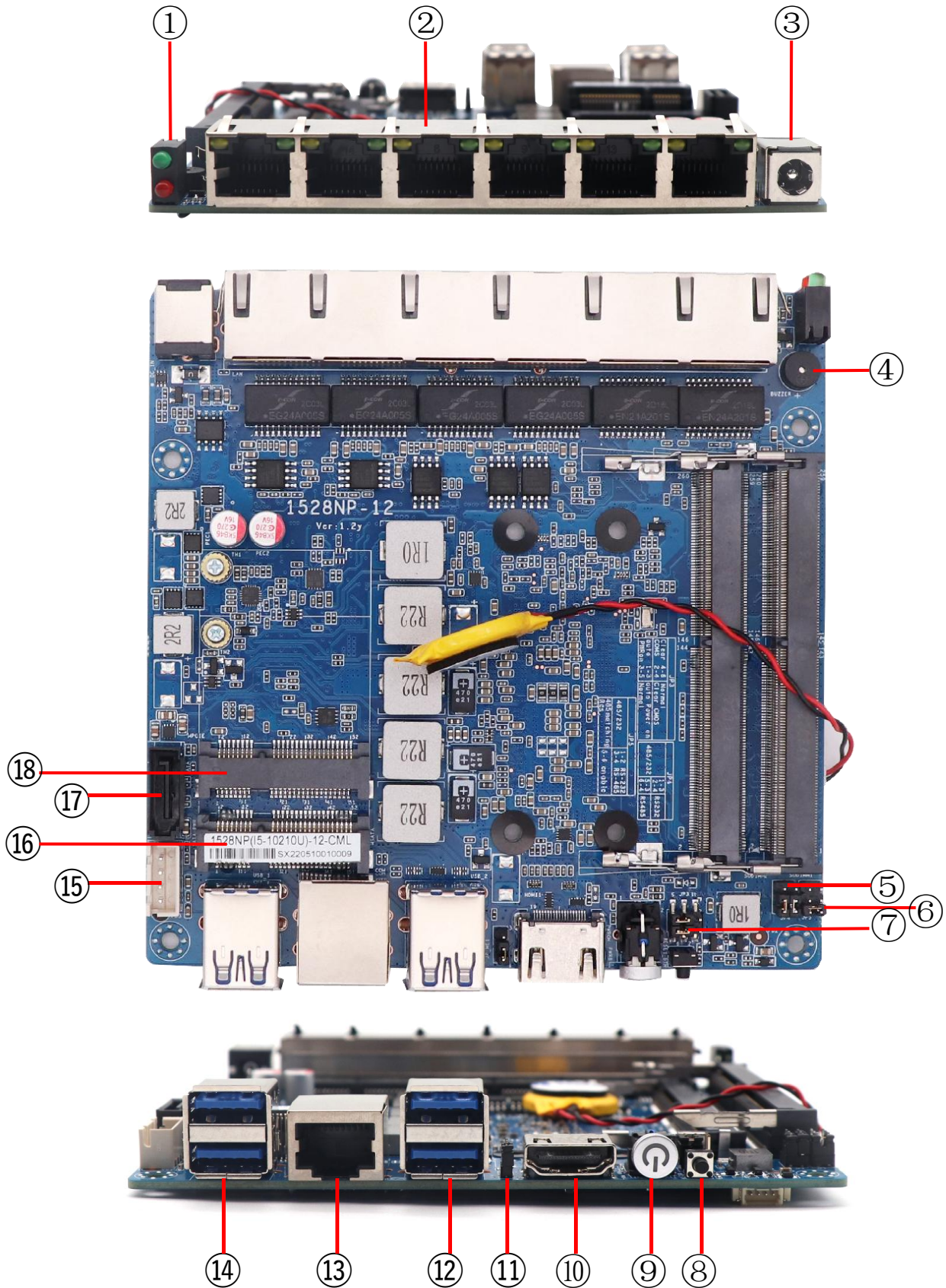
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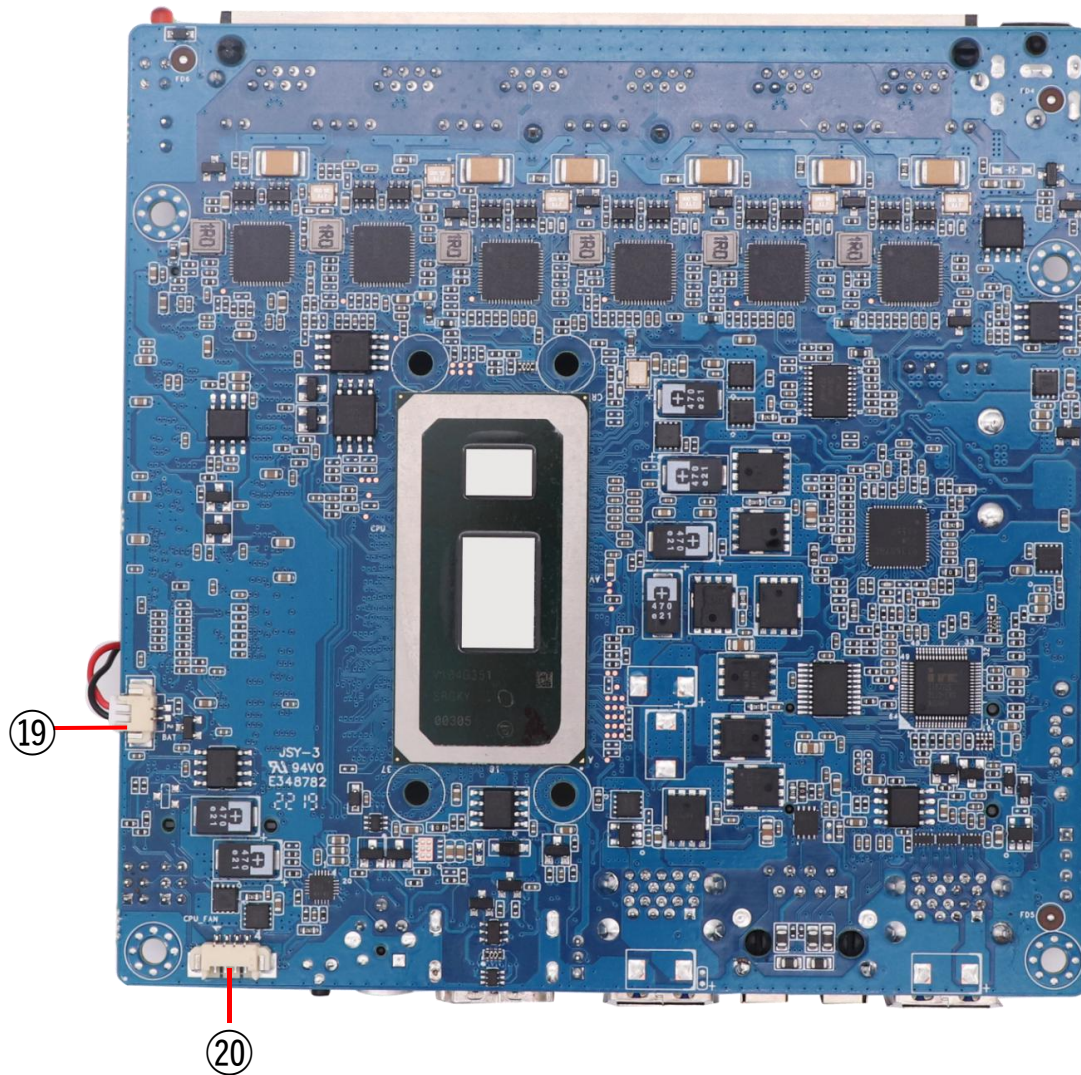
1. Specifications

Model	CMUV63W
CPU	Support Intel Comet Lake/Whiskey Lake CPU CMUV63W-SKU#?:i3-10110U/2C/4T/Burst Freq 4.10 Ghz/TDP up to 15W CMUV63W-SKU#?:i5-10210U/4C/8T/Burst Freq 4.20 Ghz/TDP up to 15W CMUV63W-SKU#?:i7-8665U/4C/8T/Burst Freq 4.80 Ghz/TDP up to 15W CMUV63W-SKU#?:i7-10510U/4C/8T/Burst Freq 4.90 Ghz/TDP up to 15W
Memory	2*DDR4 SO-DIMM, up to 32GB
Graphics	1*HDMI 1.4b, Maximum resolution 4096x2160@30Hz
Storage	1*SATA 1*mSATA
LAN	6*Intel I225 1000M LAN
Serial Port	1*RJ45 COM
USB	4*USB3.1 Gen1
Rear IO	1*PWR LED & HDD LED 6*RJ45 1000M LAN 1*DC_IN 12V
Front I/O	2*2 Layer USB 3.1 Gen1 1*HDMI 1*Power on button 1*System reset button 1*RJ45 Console
Internal I/O	1*MINI-PCIE 1*mSATA 1*SATA 1*SATA POWER 1*12V CPU FAN 1*JP_ME1 Jumper 1*JP3 1*JP4 1*JP5
Size	120mm *120mm
Temperature	Operation: -10~60°C, Storage: -40~85°C
Relative Humidity	Operation: 10~90%, Storage: 5~95%
Power Input	DC 12V

2. Locations



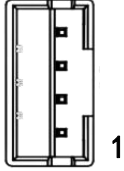
2. Locations




Locations		
1	PWR_LED	HDD & PWR LED
2	LAN	6 *LAN
3	DC_IN	12V DC_IN
4	BUZZER	BUZZER
5	JP4	COM1 RS232/RS485 mode selection jumper
6	JP5	COM1 RS232/RS485 mode selection jumper
7	JP3	Clear_CMOS[4-6] default Auto PWRON[1-3] default
8	RSET_BTN	System reset button
9	PWRON	Power on button
10	HDMI1	HDMI
11	JP_ME1	JME[1-2] Default
12	USB_2	2*Layer USB3.0
13	COM	RJ45 Console
14	USB_1	2*Layer USB3.0
15	SATA_PWR	SATA PWR
16	MSATA	MSATA
17	SATA	SATA
18	MPCIE	MINI-PCIE
19	CPU_FAN	CPU FAN

3. Connector and Jumper Setting

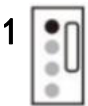
1) SATA_PWR(wafer 1*4 2.54mm)

Graphic	PIN	Define
	1	+12V
	2	GND
	3	GND
	4	+5V

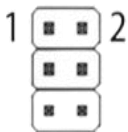
2) JP_ME1(header 1*3 2.00mm)

Graphic	Setting	Function
	1-2(Default)	ME
	2-3	NORMEL


3) CPU_FAN(wafer 1*4 1.25mm)

Graphic	PIN	Define
	1	GND
	2	+V12V
	3	FAN_TAC
	4	FAN_PWM


4) JP3(header 2*3 2.00mm)

Graphic	Setting	Function
	1-3(Default)	AT
	3-5	ATX
	4-6(Default)	Normal
	2-4	Clear CMOS

5) JP4(header 2*3 2.00mm)

Graphic	Setting	Function
	1-3 2-4(Default)	RS232 Mode
	3-5 4-6	RS485 Mode

6) JP5(header 1*3 2.00mm)

Graphic	Setting	Function
	1-2(Default)	RS232 Mode
	3-4	RS485 Mode
	5-6	485 terminal resistor