



SFP Front ports

J19~J20: Standard SFP CON Type

JP5: RTC clear

Pin	Description	Pin	Description
*1-2	Normal	2-3	CMOS Clear

J3: POWER Button

Pin	Description	Pin	Description
1	GND	2	FP_SW_ON_N

J4: RESET Button

Pin	Description	Pin	Description
1	GND	2	RESET

CN4: VGA Connector

Pin	Description	Pin	Description
1	RED	2	GREEN
3	BLUE	4	NC
5	GND	6	GND
7	GND	8	GND
9	VCC5	10	GND
11	NC	12	VGADATA
13	HSYNC	14	VSYNC
15	VGACLK	16	NC

JP4: Power type select

Pin	Description	Pin	Description
1-2	ATX	*2-3	AT

SW1: GPIO56 Active

Giga LAN Connector (CON1,CON2)

Pin	Description	Pin	Description
1	TX+0	2	TX-0
3	TX+1	4	TX+2
5	TX-2	6	TX-1
7	TX+3	8	TX-3

USB1: USB Front Port

Pin	Description	Pin	Description
1	VCC5	2	USB1_P
3	USB1_N	4	GND
5	VCC5	6	USB2_N
7	USB2_P	8	GND

J15: Keyboard/Mouse connector

Pin	Name	Pin	Description
1	P5V	2	VCC5
3	KDAT	4	MDAT
5	KCLK	6	MCLK
7	GND	8	GND

FAN1~2: CHIP FAN connector

Pin	Name	Pin	Description
1	GND	2	+12V
3	FAN_TAC		

J8 / J13 / J14: SATA connector
J7: SATA DOM POWER connector

Pin	Name	Pin	Description
1	P5V	2	GND

J18: Console type select

Pin	Description	Pin	Description
1-2	RTS To CTS	*2-3	Normal

JP2: CF Card master/slave select

Pin	Description	Pin	Description
*1-2	Master	2-3	Slave

CN1~3,CN8~9 System FAN connector

Pin	Description	Pin	Description
1	GND	2	+12V
3	FAN_TAC	4	PWM

LAN1: Console Ports RJ-45

Pin	Description	Pin	Description
1	RTS/CTS	2	DTR
3	TXD	4	GND
5	DCD	6	RXD
7	DSR	8	CTS

J12: POWER OUTPUT

Pin	Name	Color	Description
1	+12V	Yellow	+12 VDC
2	GND	Black	Ground
3	GND	Black	Ground
4	P5V	Red	+5 VDC

J1: USB connector

Pin	Name	Pin	Description
1	P5V	2	USB2-
3	USB2+	4	USB3-
5	USB3+	6	GND

J9:GPIO connector

Pin	Name	Pin	Description
1	P5V	2	GND
3	GPI20	4	GPO24
5	GPI21	6	GPO25
7	GPI22	8	GPO26
9	GPI23	10	GPO27