



## JP1: CF CARD TYPE

PIN	Description
1-2	CF Slave
2-3	CF Master

**JP6: COMS Clear**

PIN	Description
1-2	Normal
2-3	Clear CMOS

## ***J2: Power Fail Connector***

PIN	Description
1	GND
2	POWER_FAIL

## JP8: System Power Function

PIN	Description
1-2	ATX
2-3	AT

### **FAN1~5,8/FAN6~7: FAN Connector**

PIN	Description
1	GND
2	+12V
3	SPEED

### ***J1: USB Connector***

PIN	Description	PIN	Description
1	USB_VCC	2	USB_ON
3	USB_0P	4	GND

## JP2: Push Button

PIN	Description
1	5VSB
2	Power Button IN

### CN4: VGA Connector

PIN	Description	PIN	Description
1	RED	2	GREEN
3	BLUE	4	NC
9	VCC	11	NC
12	I2CDAT	13	H-SYNC
14	HSYNC	15	I2CCLK
16	NC		

GND:PIN 5,6,7,8,10

**CN1/CN2: SATA Connector**

PIN	Description	PIN	Description
1,4,7	GND	2	TXP
3	TXN	4	RXN
5	RXP		

### JP3: KB/MS Connector

PIN	Description	PIN	Description
1	VCC	2	VCC
3	KBDATA	4	MOUSEDATA
5	KBCLK	6	MOUSECLK
GND: PIN 7,8			

### CON1: Power Connector

PIN	Description	PIN	Description
1	12V	2	GND
3	GND	4	5V

### SW4: ESB2 PCIE Bus Width S/W

PIN	Description
1_ON; 2_OFF	J3=PCIE X8*1
1_OFF; 2_ON	J3=PCIE X4*2

### CON3: Power Connector

PIN	Description	PIN	Description
1	+3.3V	2	+3.3V
4	+5V	6	+5V
8	PWROK	9	+5VSB
10	+12V	11	+12V
12	+3.3V	13	+3.3V
14	-12V	16	PSO#
20	-5V	21	+5V
22	+5V	23	+5V

**GND: PIN 3,5,7,15,17,18,19,24**

## CON2: Power Connector

PIN	Description	PIN	Description
1~4	GND	5~8	+12V

### SW1: MCH PCIe Bus Width S/W

PIN	Definition
1/2/4_OFF; 3_ON	J4,J5=PCIE X8*1 DTR
2/4_OFF; 1/3_ON	J4=PCIE X4*2; J5=PCIE X8*1 GND
4_OFF; 1/2/3_ON	J4,J5=PCIE X4*2 RXD

### ***JP4: VGA En/Disable Jumper***

PIN	Description
1-2	Enable
2-3	Disable

## JP9: GPIO

PIN	Description	PIN	Description
1	SIO GP10(PIN128)	2	SIO GP14(PIN124)
3	SIO GP11(PIN127)	4	SIO GP15(PIN123)
5	SIO GP12(PIN126)	6	SIO GP16(PIN122)
7	SIO GP13(PIN125)	8	SIO GP17(PIN121)
9	VCC(5V)	10	GND

## JP5: CPLD JTAG

PIN	Description	PIN	Description
1	VCC	2	GND
3	TCK	4	TDO
5	TDI	6	TMS