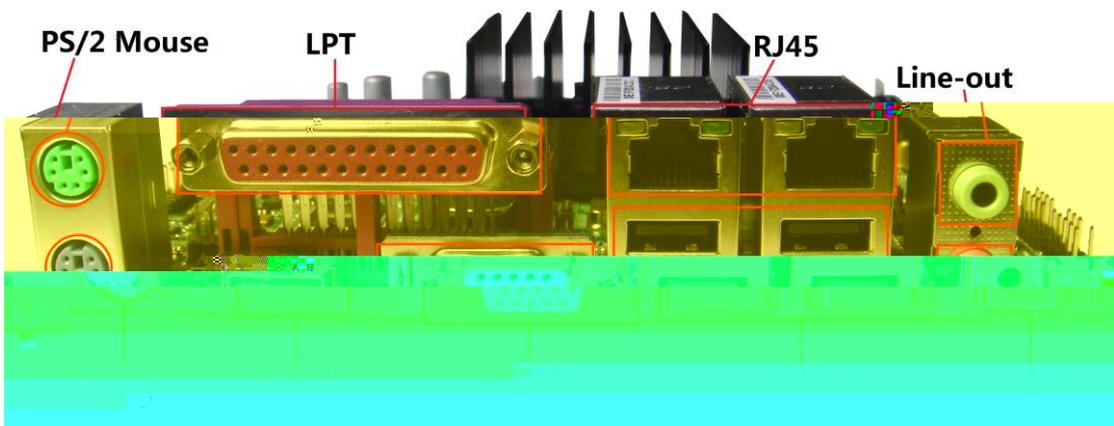
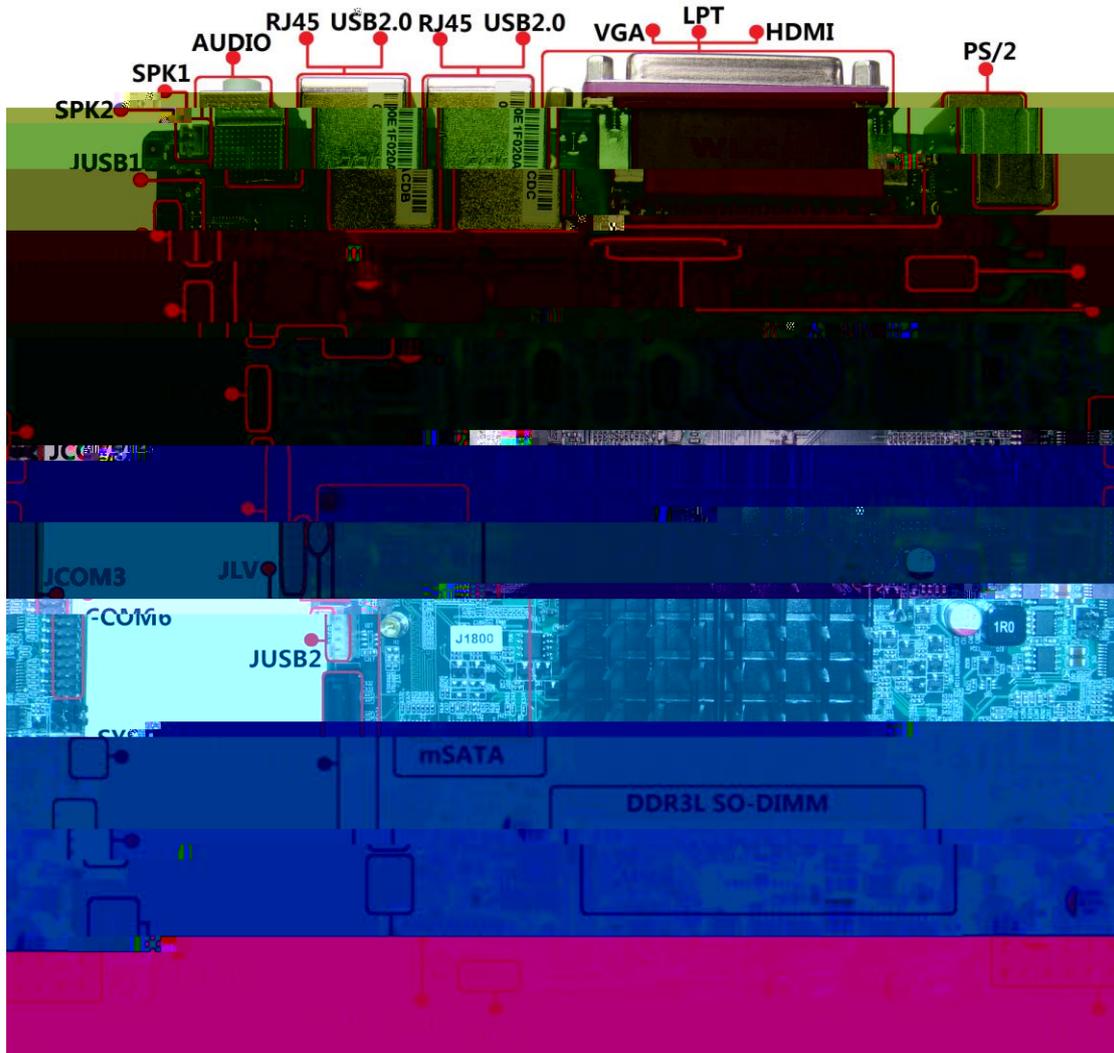




### K-B68TP

		Intel Bay trial			J1800/J1900 SOC			
ITX		170*170mm		1	DDR3 SO-DIMM			4GB
	1080p		HDMI Port		VGA Port		LVDS	
			Line out/MIC					2W
		2	SATA2		1	mSATA(co-lay		
SATA	)	2	G-LAN	7	USB(4	USB Port	2	USB ) 1
	Mini-PCIE		1			GP		1 PS/2 1
LPT	6	COM		5v/12v		TTL	232	
485			DC Adapter	12V			20 Pin	ATX
		17*17cm						
	SoC	10W		<=15w				
	DC			ATX				
		HDMI	VGA	LVDS		1080p		1920*1080
				COM	5v	12v		TTL
		232		485				

	CPU	Intel J1800/J1900
		2.41GHz (Dual-core) or 2.0GHz (Quad-core)
		10w SMD BGA
		SO-DIMM DDR3L 1333
		4GB
	Bios	SPI AMI EFI bios
ACPI2.0B, APM1.2, DIM2.0, SMBIOS2.5		
		Intel® HD Graphics ,Up to 792 MHz/854MHz
		1 HDMI Port 1 VGA Port
		1 24 LVDS
		Realtek RTL8111F
		10/100/1000Mbps 10/100Mbps
		2 RJ45
Audio		Realtek HD ALC662
		1 line-out 1 MIC
		1 1 2W
USB		USB2.0 480Mb/s
		4 USB Port 2 USB ( 3 USB)
	SATA	2 SATA2 1 Mini-PCIE mSATA
IO		ITE8786E
		1 COM Port 5 COM
		1 LPT Port
		1 PS/2 Port 1 PS/2 &
	PCIe	1 Mini-PCIE mSATA WIFI
	GPIO	1 8
		1 4pin DC_IN 1 20pin ATX
PCB		170*170mm 4layer
	Windows	Win7/Win8
		Unix/Linux
		-20~60
		5~95%RH



## IO



F_AUDIO	
F_PANEL	---- / HDD/PWR LED

BUZZ	
------	--

# 1

JP/CN	pin#	Signal	pin#	Signal	Remark
JCMOS	1	NC			1-2 2-3 CMOS
	2	RTC_RST			
	3	GND			
JP/CN	pin#	Signal	pin#	Signal	Remark
F_Panel	1	HDD LED+	2	PWR LED+	6-8 5-7
	3	HDD LED-	4	PWR LED-	
	5	GND	6	PWRSW	
	7	Reset	8	GND	
	9	NC	10		
JP/CN	pin#	Signal	pin#	Signal	Remark
JUSB1	1	VCC	2	VCC	
	3	DT-	4	DT-	
	5	DT+	6	DT+	
	7	GND	8	GND	
	9		10	GND	
JP/CN	pin#	Signal	pin#	Signal	Remark
USBPWR	1	5VSYS			1-2pin 5V 2-3pin 5V
	2	USBPWR			
	3	5VSB			
JP/CN	pin#	Signal	pin#	Signal	Remark
F_AUDIO	1	MIC_L	2	GND	
	3	MIC_R	4	F_AUD_DET	
	5	R	6	MIC_JD	
	7	GND	8	NC	
	9	L	10	LINE_JD	
JP/CN	pin#	Signal	pin#	Signal	Remark
JVGA	1	GND			
	2	VSYNC			
	3	HSYNC			
	4	GND			
	5	RED_CON			
	6	GND			
	7	GREEN_CON			
	8	GND			
	9	BLUE_CON			
	10	GND			
	11	DDC_SDA			
	12	DDC_SCL			

## 2

JP/CN	pin#	Signal	pin#	Signal	Remark
JLV	1	3.3V	2	LVDS_PV	1-2 +3.3V
	3	5V	4	LVDS_PV	3-4 +5V
	5	12V	6	LVDS_PV	5-6 +12V
JP/CN	pin#	Signal	pin#	Signal	Remark
IVCN	1	12V			
	2	GND			
	3	BKLT_ON			
	4	BKLT_PWM			
	5	5V			
JP/CN	pin#	Signal	pin#	Signal	Remark
LVDS	1	VCC	2	VCC	
	3	VCC			
	5	GND	6	GND	
	7	TXA0-	8	TXA_0+	
	9	TXA_1-	10	TXA_1+	
	11	TXA_2-	12	TXA_2+	
	13	GND	14	GND	
	15	TXA_CLK-	16	TXA_CLK+	
	17	TXA_3-	18	TXA_3+	
	19	TXB_0-	20	TXB_0+	
	21	TXB_1-	22	TXB_1+	
	23	TXB_2-	24	TXB_2+	
	25	GND	26	GND	
	27	TXB_CLK-	28	TXB_CLK+	
29	TXB_3-	30	TXB_3+		
JP/CN	pin#	Signal	pin#	Signal	Remark
JCOM1 JCOM2	1	DCD	2	RXD	
	3	TXD	4	DTR	
	5	GND	6	DSR	
	7	RTS	8	CTS	
	9	RT	10		
JP/CN	pin#	Signal	pin#	Signal	Remark
JC22	1	RS232			

	3	RS485			
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### 3

JP/CN	pin#	Signal	pin#	Signal	Remark
JC34	1	TTL			1-2: TTL 2-3: RS232
	2	S_IN			
	3	RS232			
JP/CN	pin#	Signal	pin#	Signal	Remark
JC35	1	TTL			1-2: TTL 2-3: RS232
	2	S3_OUT			
	3	RS232			
JP/CN	pin#	Signal	pin#	Signal	Remark
JC38	1	SIN3	2	RS232	1-2:RS232 3-4:RS485 5-6:TTL
	3	SIN3	4	RS485	
	5	SIN3	6	TTL	
JP/CN	pin#	Signal	pin#	Signal	Remark
J485	1	GND	2	GND	3, 4:COM2 485 5, 6:COM3 485
	3	COM2_485+	4	COM2_485-	
	5	COM3_485+	6	COM3_485-	
JP/CN	pin#	Signal	pin#	Signal	Remark
JC51 JC61	1	RI	2	S_RI	1-2:Normal 3-4: 9pin 5v 5-6 9pin 12v
	3	5v	4	S_RI	
	5	12v	6	S_RI	
JP/CN	pin#	Signal	pin#	Signal	Remark
GPIO	1	5V NC	2		1pin 5v
	3	GP35	4	GP25	
	5	GP24	6	GP29	
	7	GP34	8	GP42	
	9	GP31	10	GP43	
	11		12	GND	
JP/CN	pin#	Signal	pin#	Signal	Remark
SYS_FAN	1	GND			
	2	12V			
	3	FAN_DEC			
JP/CN	pin#	Signal	pin#	Signal	Remark
SATA_PWR	1	GND			
	2	5V			

	3	12V			
	4	GND			

**4**

JP/CN	pin#	Signal	pin#	Signal	Remark
JCOM3-6	1	DCD1	2	RXD1	
	3	TXD1	4	DTR1	
	5	GND	6	DSR1	
	7	RTS1	8	CTS1	
	9	RI1	10	DCD2	
	11	RXD2	12	TXD2	
	13	DTR2	14	GND	
	15	DSR2	16	RTS2	
	17	CTS2	18	RI2	
	19	DCD3	20	RXD3	
	21	TXD3	22	DTR3	

	COM3			
		RS232	RS485	TTL
	JC34	2-3	1-2	1-2
	JC35	2-3	1-2	1-2
	JC38	1-2	3-4	5-6