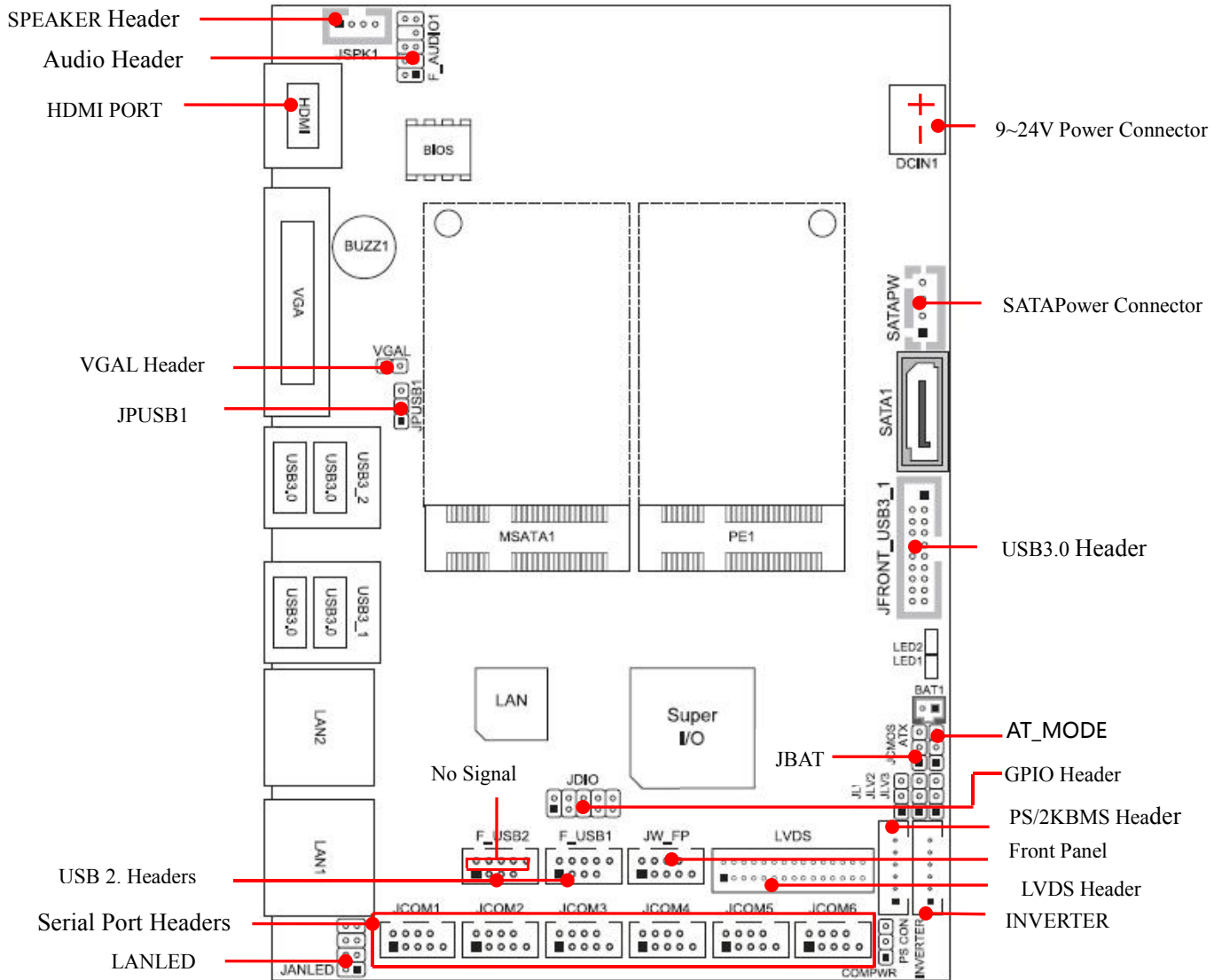
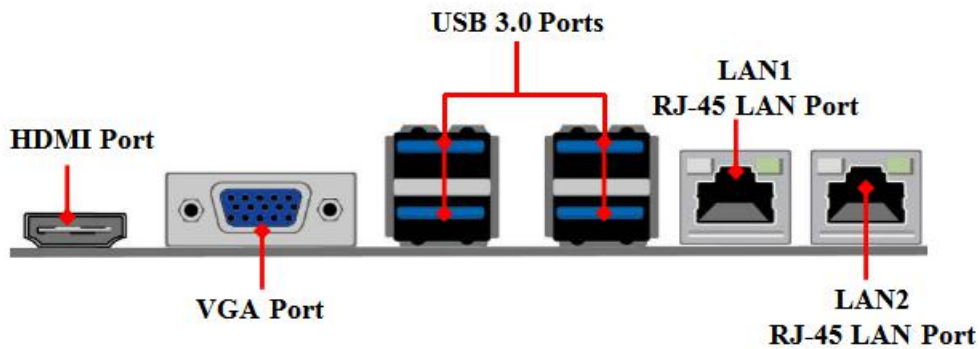


**SYS8F377VGGA-30MN 简易说明书**

**1、System Board Layout**



**Rear IO Panel Diagram**



## 2、Connectors:

Connector	Name
DCIN1	9V~24V DC-in Power Jack Connector
SATA1	SATAIII Port Connector
SATAPW1	SATA Power out Connector
HDMI	HDMI Port Connector
VGA	CRT VGA Port Connector
JRFONT-USB3-1	USB 3.0 Port Connector X4
LAN1/LAN2	RJ-45 LAN Port Connector X2
PE1	Full-size Mini-PCIE Connector
MSATA	Full-size MSATA Connector

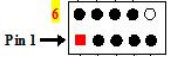
### Connectors

Header	Name	Description
FP_AUDIO	Front Panel Audio Header	9-pin Block
SPEAK_CON	Speaker Header	4-pin Block
JW_FP	Front Panel Header(PWR LED/ HDD LED/Power Button /Reset)	9-pin Block
F_USB1/F_USB2	USB 2.0 Header X2	9-pin Block
LANLED	LAN Activity LED Header	8-pin Block
COM1	RS232/422/485 Serial Port Header X2	9-pin Block
COM2/3/4/5/6	RS232 Serial Port Header X4	9-pin Block
GPIO_CON	GPIO Header	10-pin Block
PS2_CON	PS/2Keyboard & Mouse Header	6-pin Block
INVERTER1	LVDS Inverter Connector	6-pin Block
LVDS	24-bit LVDS Header	30-pin Block

## 3、Jumper List

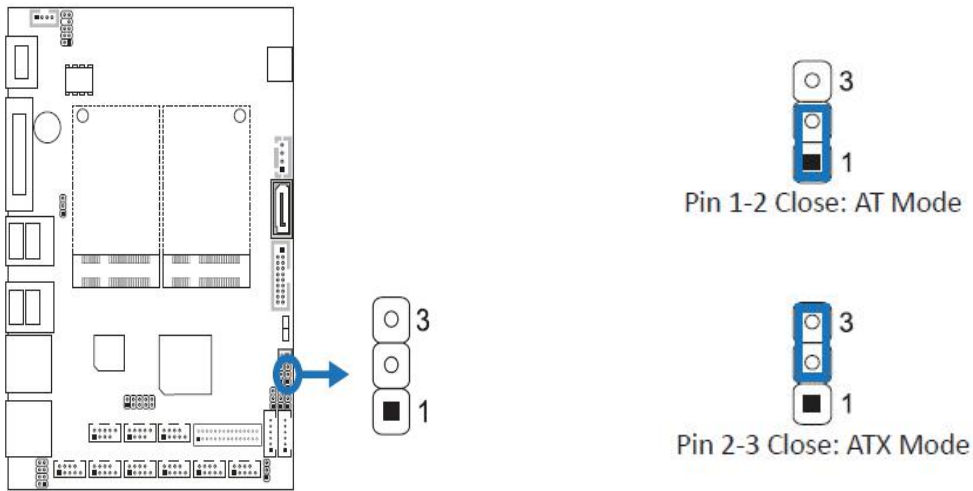
Jumper	Name	Description
COMPWR	Serial port Power Select Jumper	3-Pin Block
JLV1	LVDS VDD 3.3V/5V Select	3-Pin Block
JLV2	INVERTER VCC 5V/12V Select	3-Pin Block
JCMOS1	Clear CMOS RAM Settings & RTC_RST Function Select	4-Pin Block
AT_MODE	AT/ATX Mode Function Select	3-Pin Block
JUSB1	Power Source Jumpers for USB Ports	3-Pin Block
VGAL	VGAL Header	2-Pin Block

**4、 Front Panel Connector setting :**

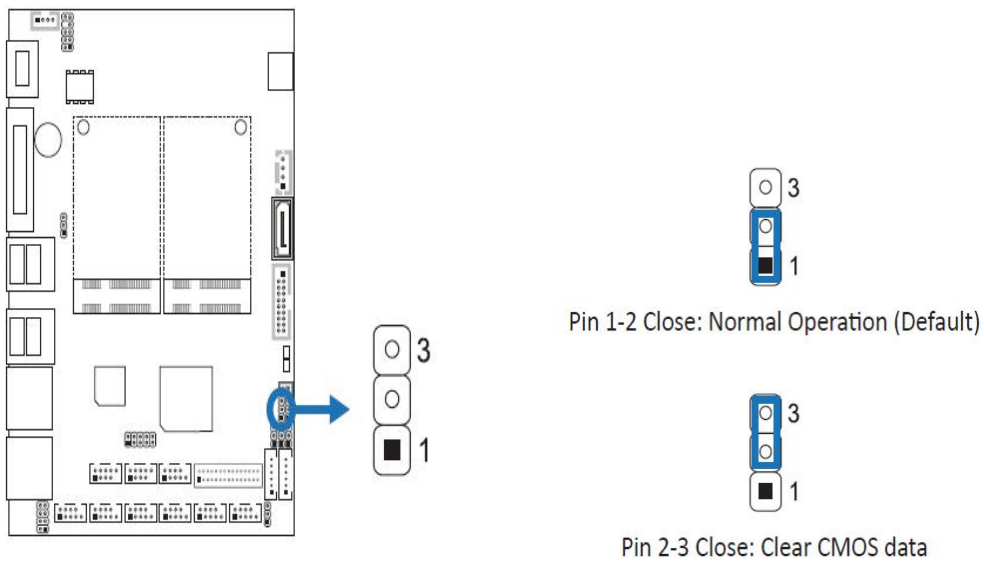
Pin	Define	Function	Pin	Define	Function	 <p>Pin 1 →</p> <p><b>JPANEL1</b></p>
1	HDD LED+	N/A	6	Power LED+	Power LED	
2	HDD LED-	HDD LED	7	Power LED-		
3	Reset GND	Reset Button	8	Power Button	Power Button	
4	Reset Button		9	Power GND		

**5、 Jumper Setting:**

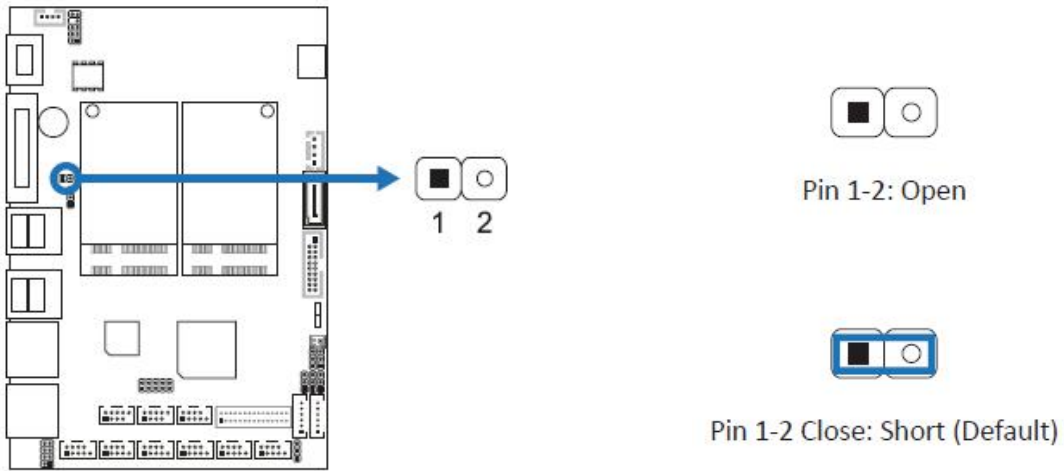
**a、 AT\_MODE (3-pin): AT Mode/ATX Mode Select**



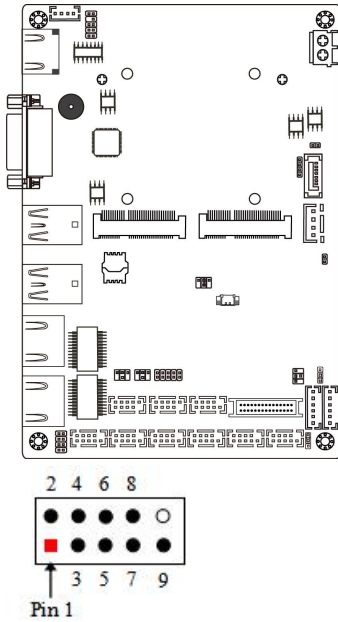
**b、 JBAT (4-pin): Clear CMOS RAM Settings & RTC\_RST Function Select**



**C、VGA: VGAL Header**



**d、COM1: RS232/422/485 Header;**



Pin NO.	RS232	*RS422 (for COM1)	*RS485 (for COM1)
Pin 1	DCD	TX-	DATA-
Pin 2	RXD	TX+	DATA+
Pin 3	TXD	RX+	NC
Pin 4	DTR	RX-	NC
Pin 5	GND	GND	GND
Pin 6	DSR	NC	NC
Pin 7	RTS	NC	NC
Pin 8	CTS	NC	NC
Pin 9	RI	NC	NC

**Checklist:**

- SYS8F377VGGA-30MN Mainboard\*1pcs
- Installation Guide\*1pcs
- SATA Cable \*1pcs;
- COM cable and Print cable\*6pcs
- USB cable and Print cable\*2pcs