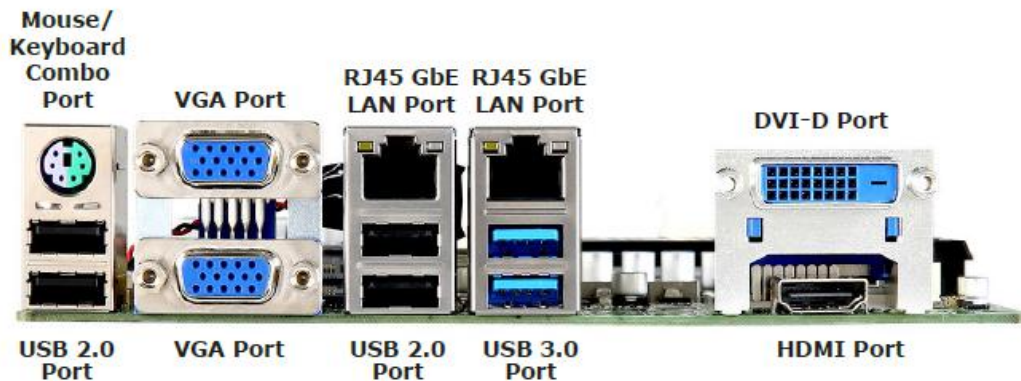
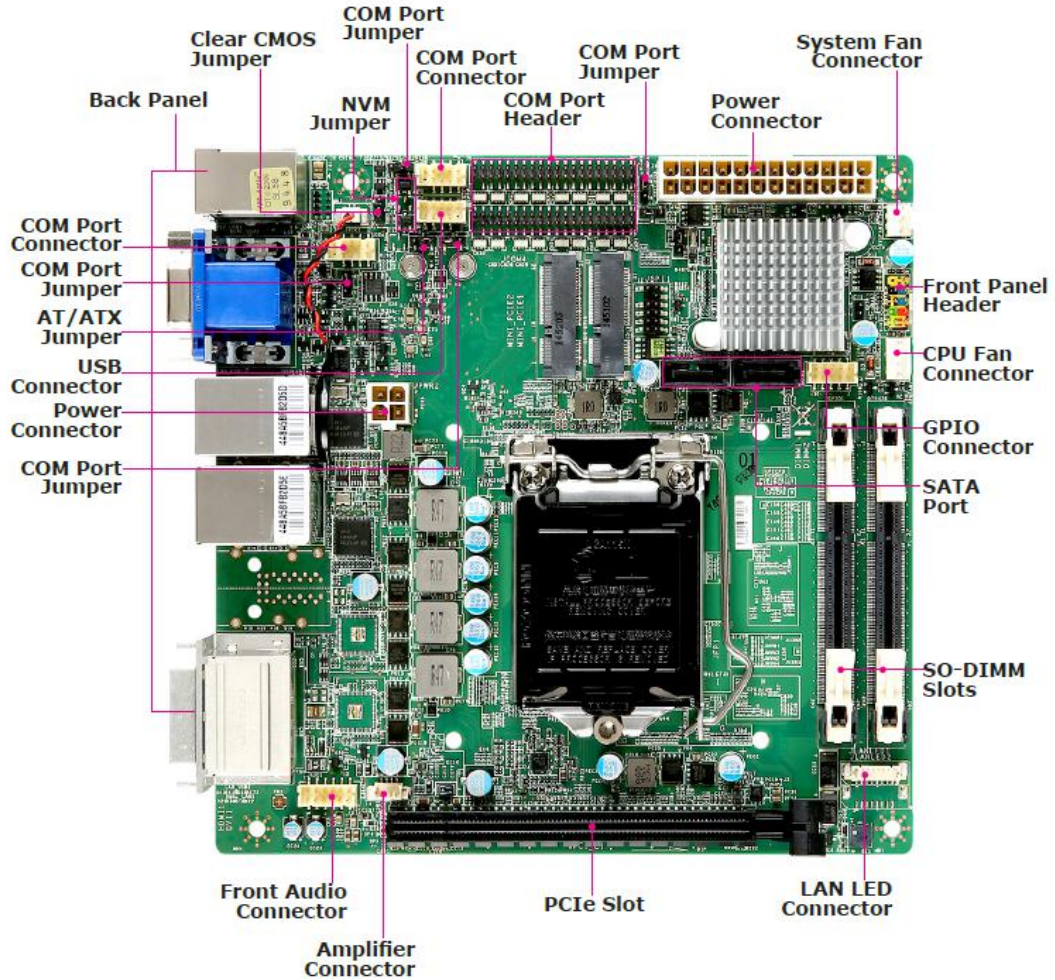


## SYS86350V4GA 简易说明书

### 1、System Board Layout



## 2、Connectors:

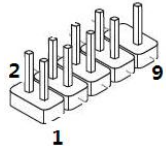
Label	Connectors
Mini PCIE1	Mini PCIe slot support 3G or mSATA SSD
Mini PCIE2	Mini PCIe slot
SATA Port	Serial ATA Header
COM Port Connector	COM1 and COM2 Pin Header
COM Port Header	COM3 ~ COM10 Pin Header
SYSFAN1	System Fan power connector
CPUFAN1	CPU Fan power connector
GPIO Connector	GPIO Pin Header
Amplifier Connector	Audio Amplifier Pin Header
JLANLED1	LAN LED Connector
JAUD1	Front Audio Connector
USB Connector	USB 2.0 Pin Headers
Front Panel	Front Panel Pin Header

## 3、Jumper List

Jumper	Function
JCMOS1	Clear CMOS Jumper
COM Port Jumper	Serial Port Power Jumper
NVM Jumper	Non-Volatile Memory Jumper
AT_ATX Jumper	AT / ATX Mode Selection

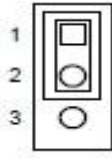
## 4、Front Panel Connector setting :

Pin	Define	Function	Pin	Define	Function
1	HDD+	HDD Power	2	Power LED+	Power LED
3	HDD-		4	Power LED-	
5	Reset-	Reset button	6	Power button+	Power button
7	Reset+		8	Power button-	
9	NC		10	NC	

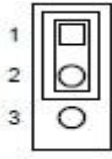


5、Jumper Setting (JCMOS1、JAT\_ATX):

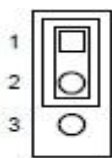
A、JCMOS1: Clear CMOS Select

Jumper	status	
1-2 short	Normal	
2-3 Short	Clear CMOS	

B、JAT\_ATX: AT/ATX Power Select

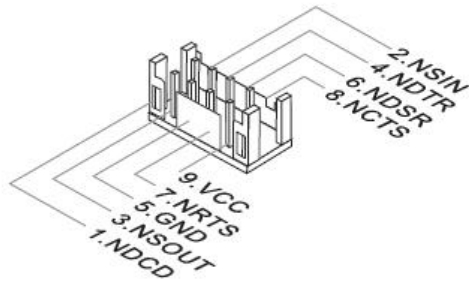
Jumper	status	
1-2 short	ATX Mode	
2-3 Short	AT Mode	

C、Serial Port Power Jumper

Jumper	status	
1-2 short	+5V	
2-3 Short	+12V	

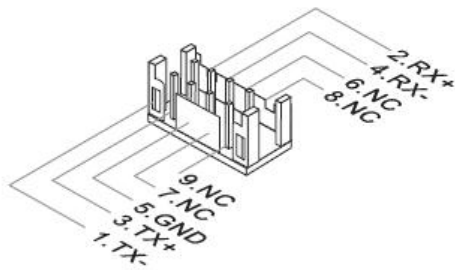
**RS-232/422/485 Serial Port Connector: JCOM1, JCOM2**

**RS-232**



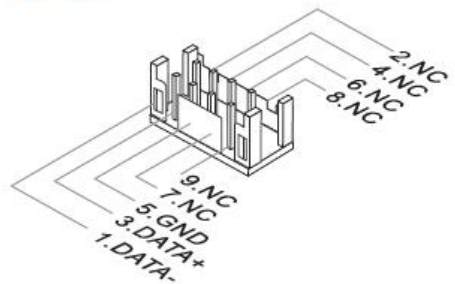
PIN	SIGNAL	DESCRIPTION
1	NDCC	Data Carrier Detect
2	NSIN	Signal In
3	NSOUT	Signal Out
4	NDTR	Data Terminal Ready
5	GND	Signal Ground
6	NDSR	Data Set Ready
7	NRTS	Request To Send
8	NCTS	Clear To Send
9	VCC	5V or 12V selected by jumper
10	NC	No Connection

**RS-422**



PIN	SIGNAL	DESCRIPTION
1	422 TXD-	Transmit Data, Negative
2	422 RXD+	Receive Data, Positive
3	422 TXD+	Transmit Data, Positive
4	422 RXD-	Receive Data, Negative
5	GND	Signal Ground
6	NC	No Connection
7	NC	No Connection
8	NC	No Connection
9	NC	No Connection
10	NC	No Connection

**RS-485**



PIN	SIGNAL	DESCRIPTION
1	485 TXD-	Transmit Data, Negative
2	NC	No Connection
3	485 TXD+	Transmit Data, Positive
4	NC	No Connection
5	GND	Signal Ground
6	NC	No Connection
7	NC	No Connection
8	NC	No Connection
9	NC	No Connection
10	NC	No Connection

**Packing list:**

- SYS86350V4GA Mainboard \*1pcs
- Utility CD for SYS86350V4GA\*1pcs
- Installation Guide \*1pcs
- USB2.0 cable \*1 pcs
- SATA cable \*2pcs;
- COM extension cables \*2pcs