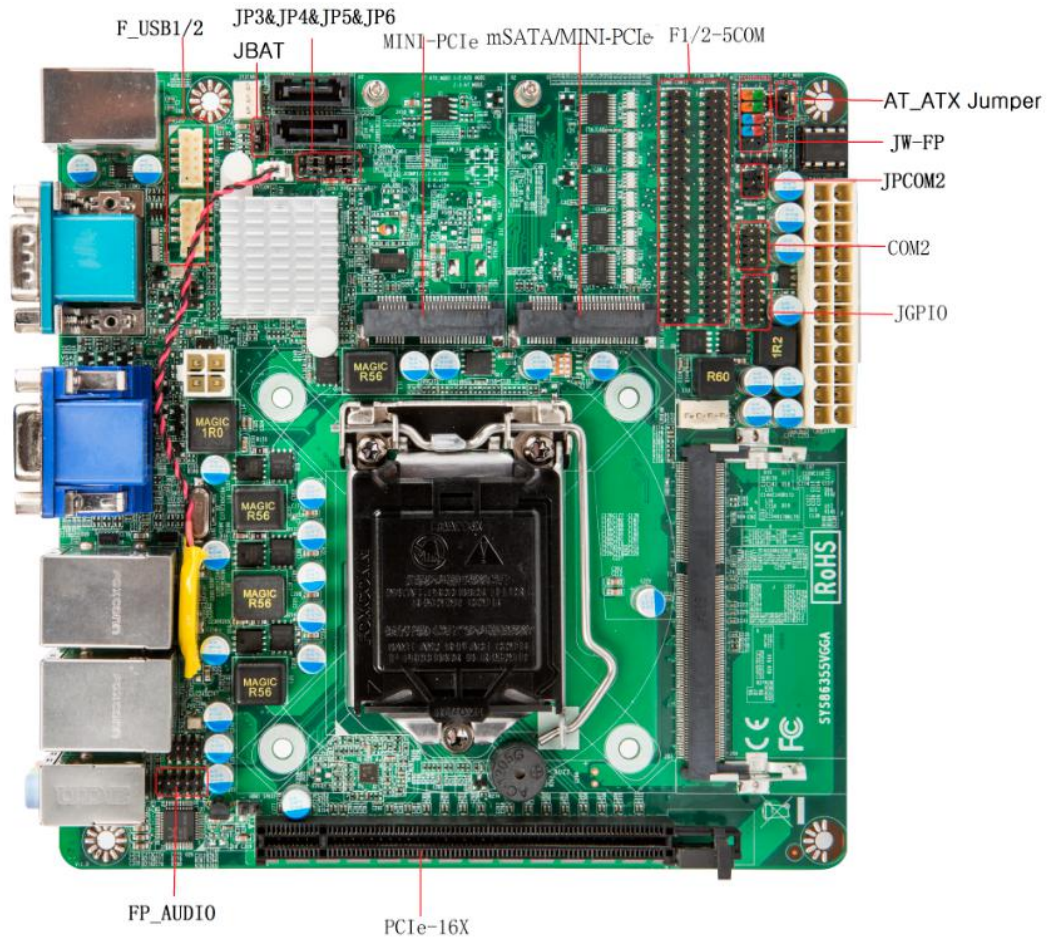
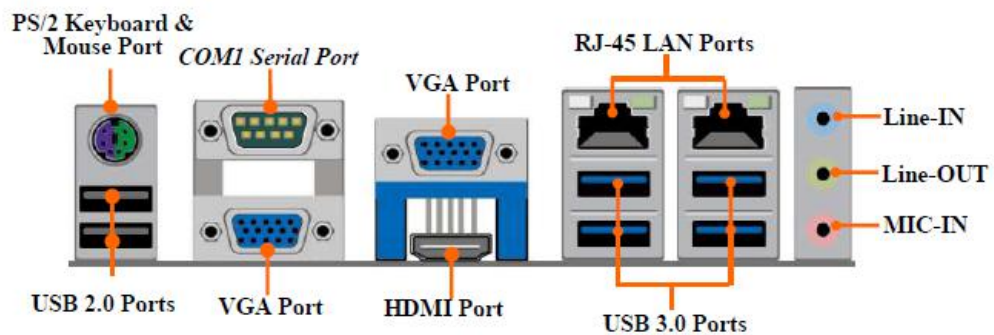


## SYS86355VGGA 简易说明书

### 1、System Board Layout



### 2、Rear IO Diagram:



### 3、Connectors:

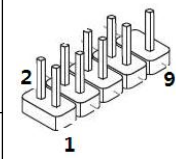
| Label               | Connectors                  |
|---------------------|-----------------------------|
| mSATA/Mini PCIE     | Mini PCIe slot or mSATA SSD |
| Mini PCIE           | Mini PCIe slot              |
| SATA Port           | Serial ATA Header           |
| COM2                | COM2 Pin Header             |
| F1/2-COM            | COM3 ~ COM12 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      |

### 4、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    |

**5、Front Panel Connector setting :**

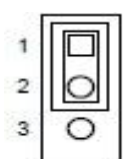
| Pin | Define | Function     | Pin | Define        | Function |
|-----|--------|--------------|-----|---------------|----------|
| 1   | HDD+   | HDD Power    | 2   | Power LED+    | Power    |
| 3   | HDD-   |              | 4   | Power LED-    | LED      |
| 5   | Reset- | Reset button | 6   | Power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



**6、Jumper Setting (JCMOS1、JAT\_ATX):**

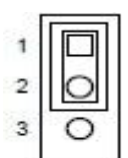
**A、JCMOS1: Clear CMOS Select**

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



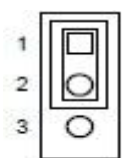
**B、JAT\_ATX: AT/ATX Power Select**

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

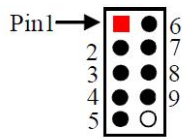
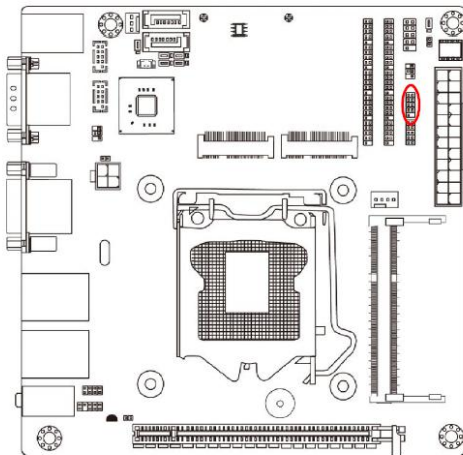


**C、Serial Port Power Jumper**

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



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



| Pin NO. | RS232 | *RS422 | *RS485 |
|---------|-------|--------|--------|
| 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     |

**Packing list:**

- SYS86355VGGA Mainboard \*1pcs
- Utility CD for SYS86355VGGA \*1pcs
- Installation Guide \*1pcs
- USB2.0 cable \*1 pcs
- SATA cable \*2pcs;
- COM extension cables \*2pcs