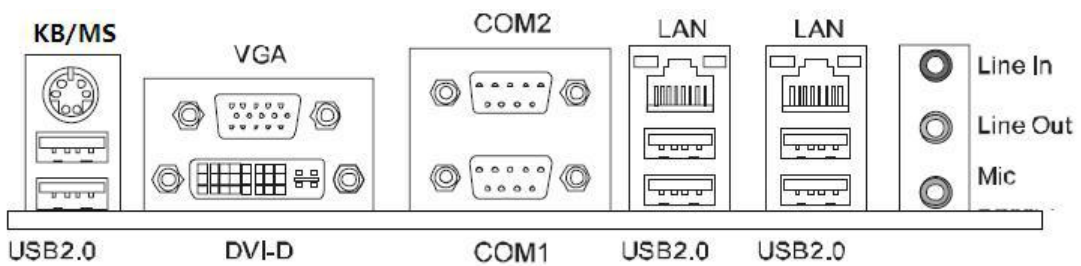
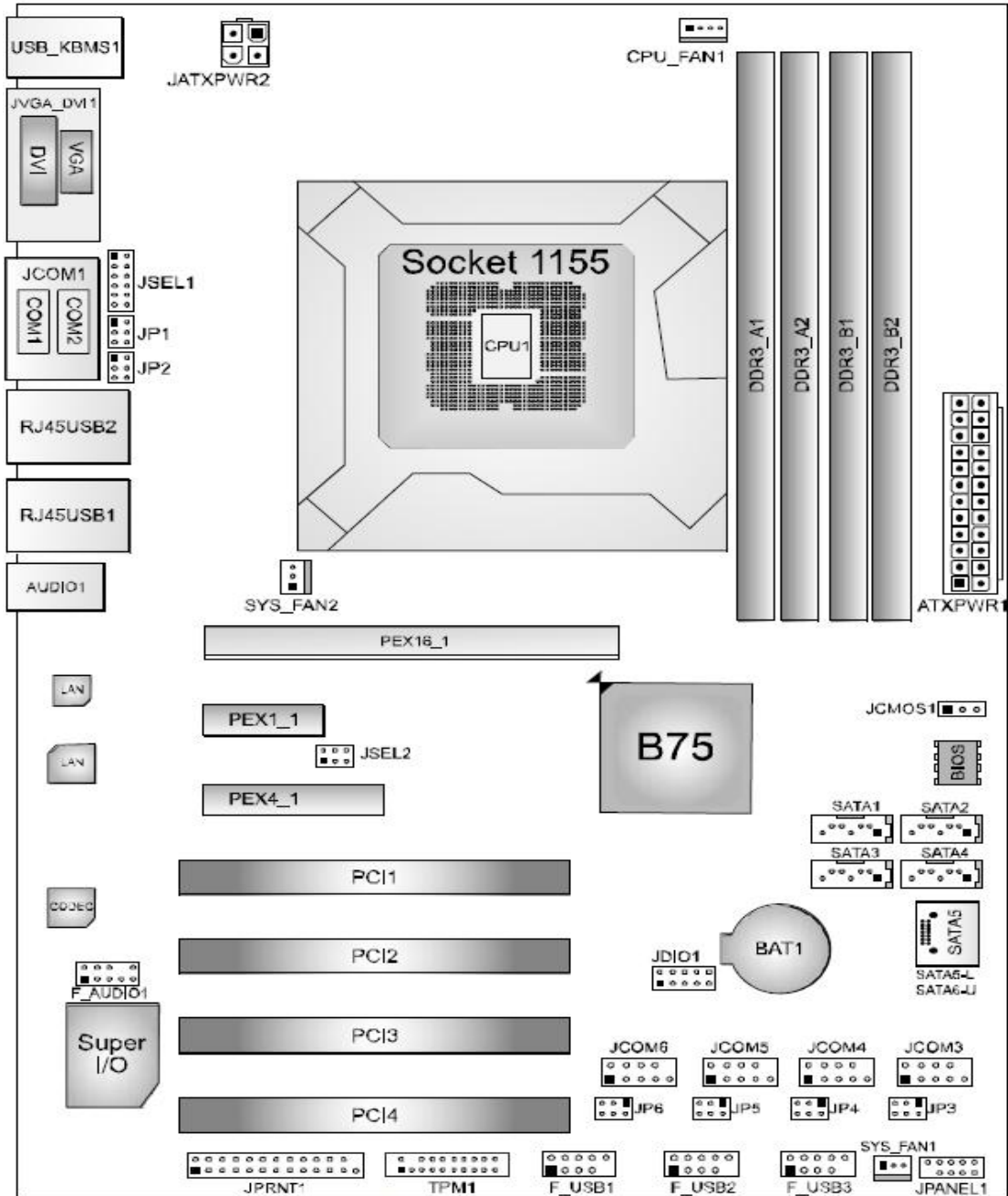


SYM76996VGGA 简易说明书

1、System Board Layout



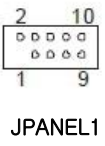
2、Connectors:

Label	Connectors
F_USB1~F_USB3	USB 2.0 Headers
JATXPWR2	DC 12V Input
ATXPWR1	Standard ATX power Input
SATA1	SATA 3.0 Header (6.0Gb/s)
SATA2~SATA6	SATA 2.0 Header (3.0Gb/s)
TPM	Trusted Platform Module Header
JCOM3~JCOM6	COM3~COM6 Pin Header
JPRNT	Printer port Pin Header
JDIO	Digital I/O port
F_audio1	Front Panel Audio Connector
PEX16_1	PCI-E x16 slot
PCI1~PCI4	PCI slot
PEX4_1	PCI-E x4 slot
SYS_FAN1/FAN2	System FAN Pin Header
CPU FAN1	CPU FAN Pin Header
JPanel1	Front Panel Connector

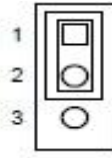
3、Jumper List

Jumper	Function
JSEL1/JSEL2	COM1 RS232/422/485 Jumper
JP1~JP6	Voltage Switch jumpers for COM1~COM6 ports
JCMOS1	Clear CMOS Selection

4、Front Panel Connector setting :

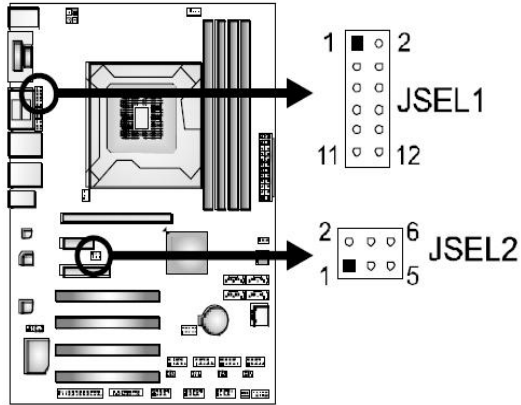
Pin	Define	Function	Pin	Define	Function	
1	Key	N/A	2	Power LED+	Power LED	
3	HD LED+	HDD LED	4	Power LED+		
5	HD LED-		6	Power LED-		
7	Reset GND	Reset Button	8	Power	Power Button	
9	Reset		10	Power GND		

5、Jumper Setting (JCMOS1):

Jumper	status	
Short 1~2	Normal Operation (default)	
Short 2~3	Clear CMOS	

6、COM1 RS232/422/485 setting:

Note: JSEL1/JSEL2 determine that COM1 belongs to RS232/422/485



	RS232	RS422	RS485
1	Carrier detect	TX-	TX -
2	Received data	TX+	TX+
3	Transmitted	RX+	NC
4	Data terminal	RX-	NC
5	GND	GND	GND
6	Data set ready	NC	NC
7	Request to send	NC	NC
8	Clear to send	NC	NC
9	Ring	NC	NC

JSEL2		
1~2	RS232	
3~4	RS422	
5~6	RS485	
JSEL1		
RS232	RS422	RS485
1~3	3~5	3~5
2~4	4~6	4~6
7~9	9~11	9~11
8~10	10~12	10~12

Packing list:

- SYM76996VGGA Mainboard *1pcs
- Utility CD for SYM76996VGGA *1pcs
- Installation Guide *1pcs
- USB cable *1 pcs
- SATA cable *2pcs;
- COM port extension cables *2pcs
- I/O Shield *1pcs