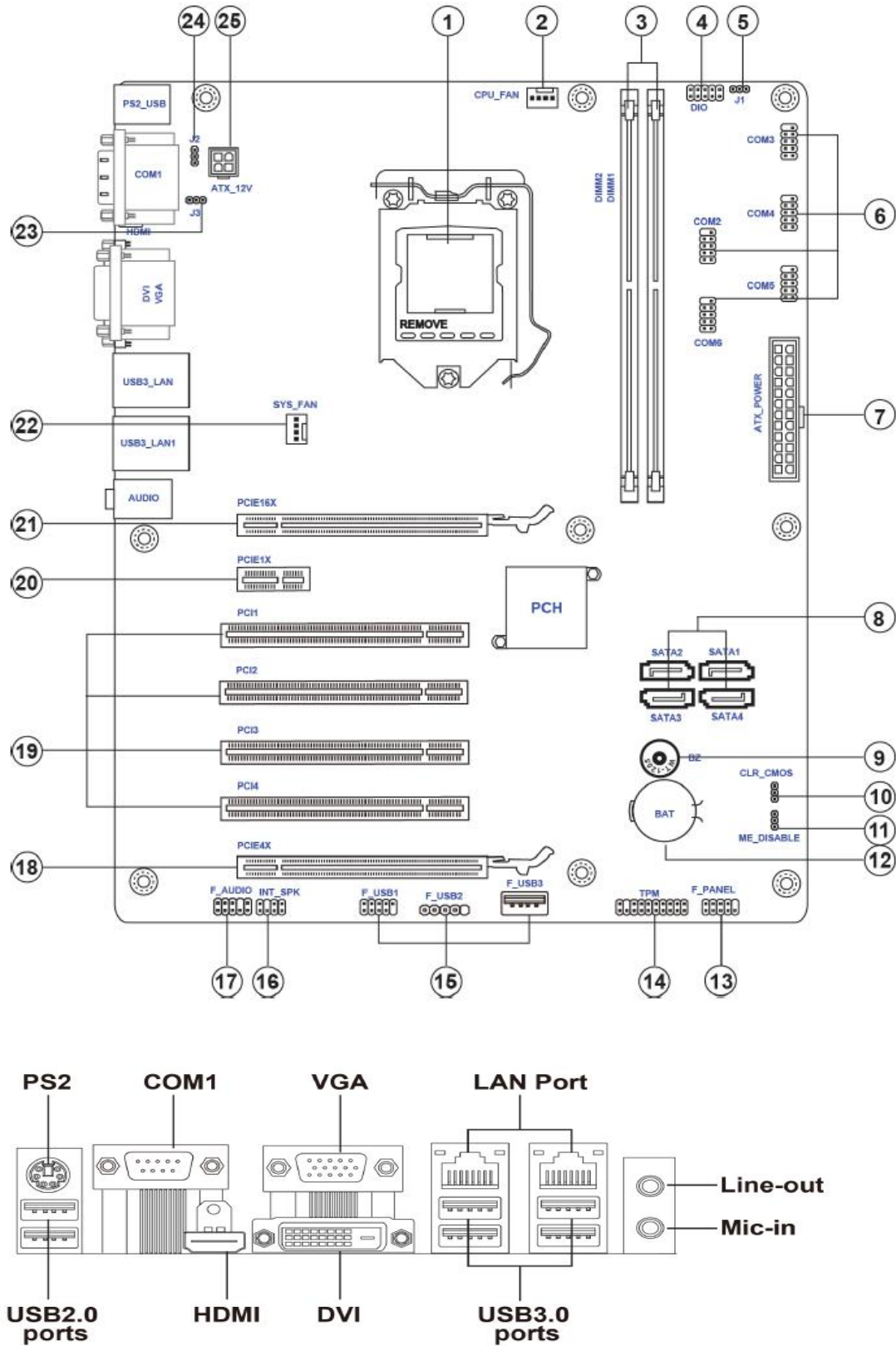


SYM86455VGGA 简易说明书

1、System Board Layout



2、Connectors:

Label	Connectors
4. DIO	Digital Input & output header
6. COM2~6	Onboard serial port headers
8. SATA1~4	Serial ATA 6.0Gb/s connectors
13. F_PANEL	Front panel switch/LED header
14. TPM	Trusted Platform Modual header
15. F_USB1~3	Front panel USB 2.0 headers
16. INT_SPK	Speaker header
17. F_AUDIO	Front panel audio header
18. PCIE4X	PCI Express x16 Gen2 slot for graphics interface
19. PCI1~4	32-bit add-on card slots
20. PCIE1X	PCI Express x1 slot
21. PCIE16X	PCI Express x16 Gen3 slot for graphics interface

3、Jumper List

Jumper	Function
5. J1	Power mode Select jumper
10. CLR_CMOS	Clear CMOS header with jumper
11. ME_DISABLE	Disble ME header with jumper
23. J3	COM1 Transmission Distance Select jumper (J3 and J2 need to switch at the same time)
24. J2	COM1 Transmission Distance Select jumper (J3 and J2 need to switch at the same time)

4、Front Panel Connector setting :

PIN	Signal	Function	PIN	Signal	Function
1	Hard disk LED (+)	HDD LED	2	MSG LED (+)	PWR LED
3	Hard disk LED (-)		4	MSG LED (-)	
5	Reset Switch (-)	Reset BTN	6	Power Switch (+)	PWR BTN
7	Reset Switch (+)		8	Power Switch (-)	
9	Reserved		10	No pin	

F_PANEL

5、Clear CMOS Setting

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

6、AT-Mode

Jumper	status	
Short 2~3	AT-Mode	
Short 1~2	ATX-Mode (Default)	

7、COM1/2 (9-Pin):RS232/422/485 Serial Port Header

Pin NO.	R232	R422	R485
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:

- SYM86455VGGA Motherboard *1pcs
- PS/2 cable*1pcs
- USB cable*2pcs
- SATA cable*2pcs
- Com extension cable*3pcs
- LPT extension cable*1pcs
- I/O Shield *1pcs