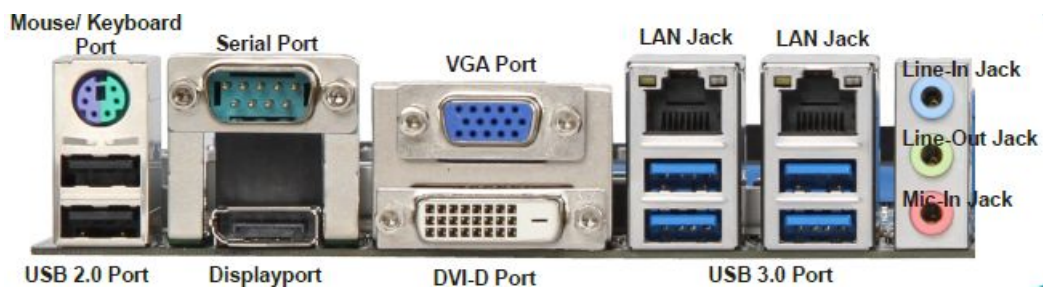
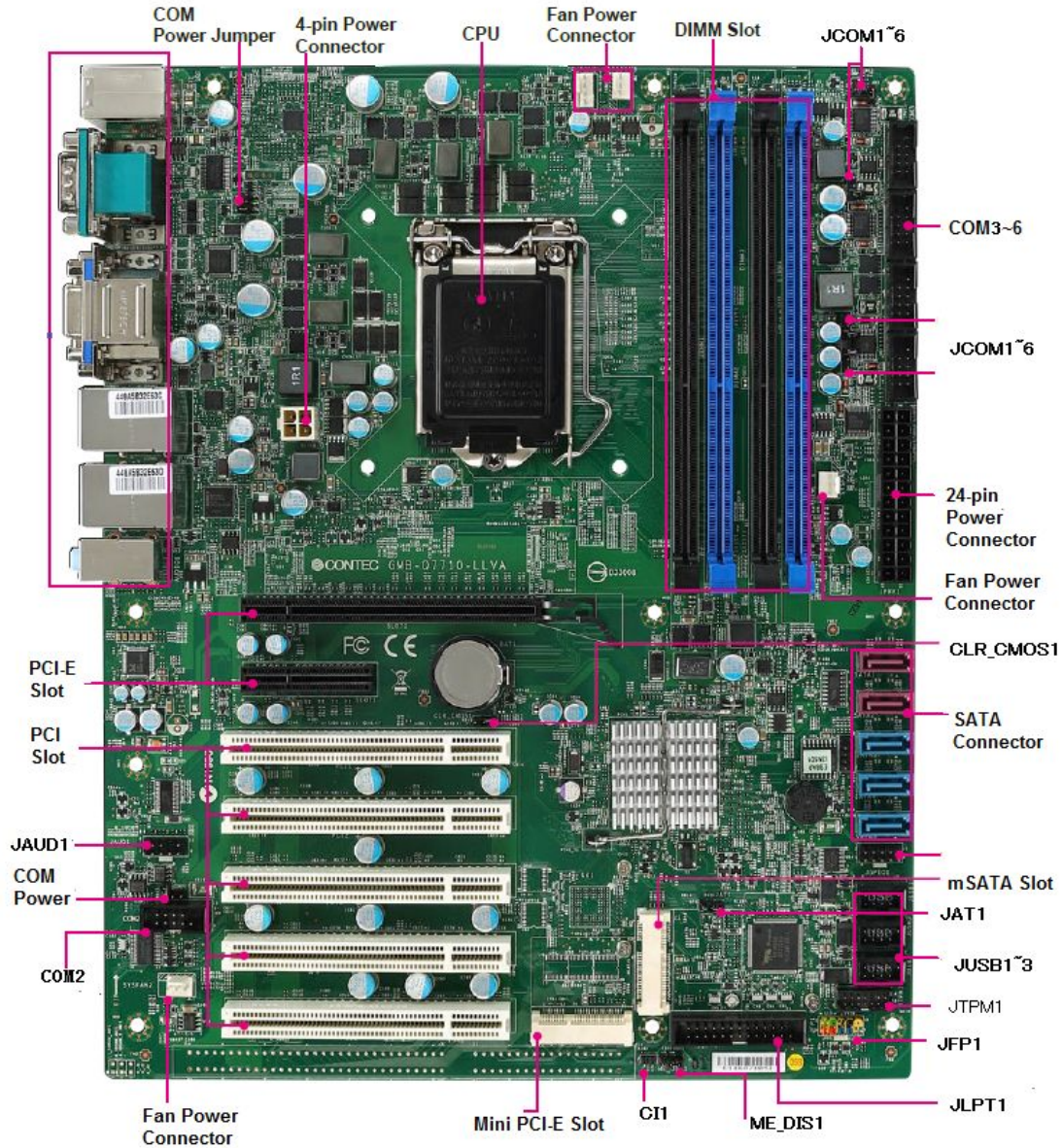


SYM76999VGGA 简易说明书

1、System Board Layout



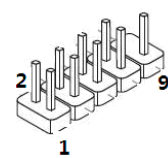
2、Connectors:

Label	Connectors
Mini_PCIE	Mini PCIe slot
SATA Port	Serial ATA Header
CI1	Chassis Intrusion Connector
JGPIO1	GPIO peripheral module Connector
JTPM1	TPM Module Connector
JAUD1	Front Audio Pin Header
JLPT1	Parallel Port Connector
ME_DIS1	Intel AMT ME Jumper
JUSB1~3	USB 2.0 Pin Headers
JFP1	Front Panel Pin Header

3、Jumper List


Jumper	Function
JBAT1	Clear CMOS Jumper
JAT1	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 (JBAT1、JAT1):

A、JBAT1: Clear CMOS Select

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

B、JAT1: AT/ATX Power Select

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

C、RS-232/422/485 Serial Port Connector

RS-232

PIN	SIGNAL	DESCRIPTION
1	DCD	Data Carrier Detect
2	RXD	Receive Data
3	TXD	Transmit Data
4	DTR	Data Terminal Ready
5	GND	Signal Ground
6	DSR	Data Set Ready
7	RTS	Request To Send
8	CTS	Clear To Send
9	VCC_COM1	Voltage select setting by J1

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

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

Packing list:

- SYM76999VGGA Mainboard *1pcs
- Utility CD for SYM76999VGGA *1pcs
- Installation Guide *1pcs
- USB2.0 cable *3 pcs
- SATA cable *4pcs;