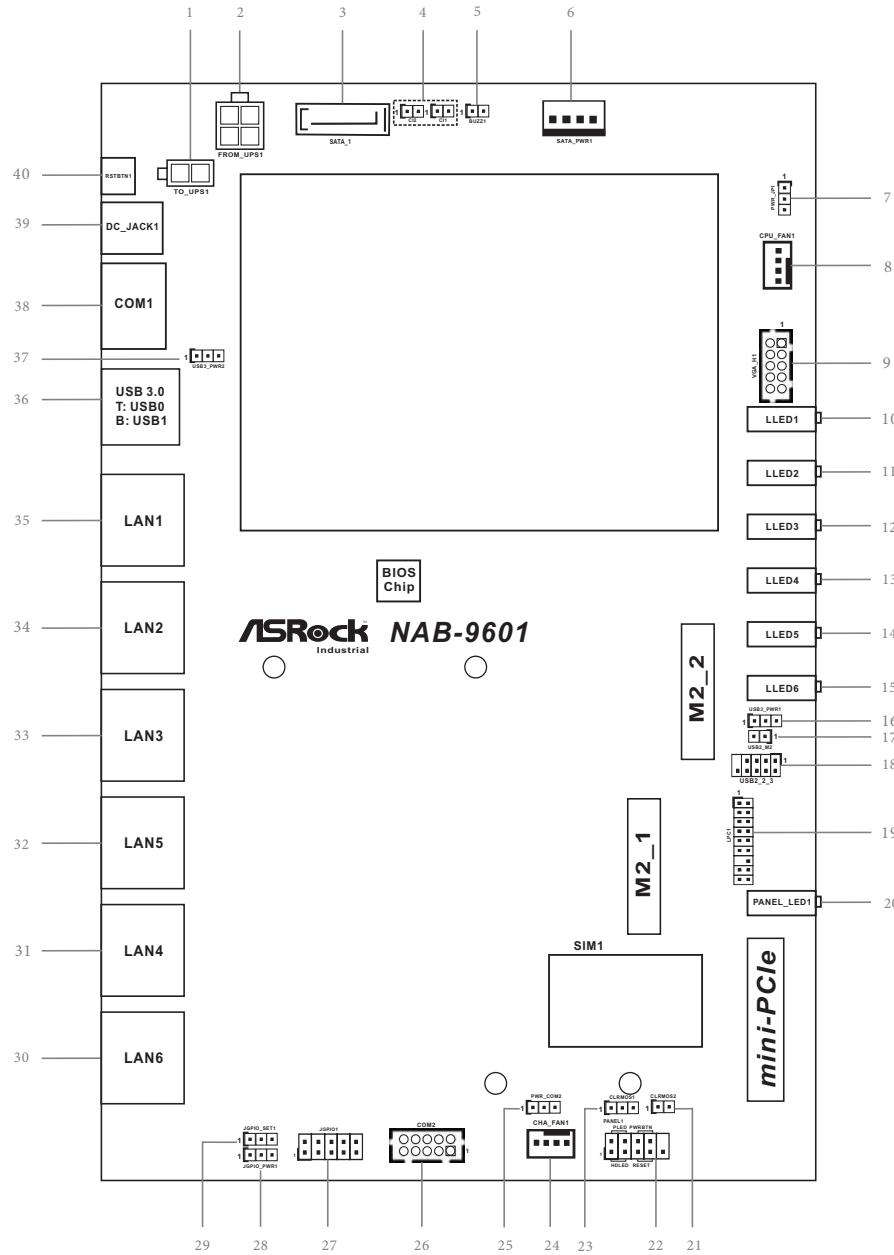




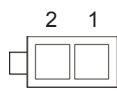
# ASRock® Jumpers and Headers Setting Guide

## NAB-9601



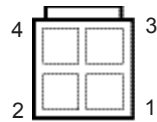
### 1 : UPS Module Power Input Connector

Pin1: GND  
Pin2: DC Input



### 2 : ATX Power Connector

1-2: GND  
3-4: DC Input

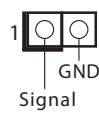


### 3 : SATA3 Connector (SATA\_1)



### 4 : Chassis Intrusion Headers

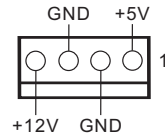
CI1:  
Close: Active Case Open  
Open: Normal  
CI2:  
Close: Normal  
Open: Active Case Open



### 5 : Buzzer

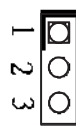


### 6 : SATA Power Output Connector

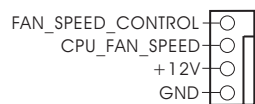


### 7 : ATX/AT Mode Select (PWR\_JP1)

1-2: AT Mode  
2-3: ATX Mode

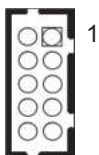


### 8 : 4-Pin CPU FAN Connector (+12V)



### 9 : VGA Connector

PIN	Signal Name	PIN	Signal Name
2	GND	1	RED
4	GND	3	GREEN
6	GND	5	BLUE
8	VSYNC	7	HSYNC
10	DDC_DATA	9	DDC_CLK



### 10 : LLED1

### 11 : LLED2

### 12 : LLED3

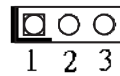
### 13 : LLED4

### 14 : LLED5

### 15 : LLED6

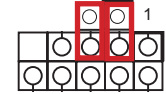
### 16 : USB Power Setting Jumper (USB3\_PWR1)

1-2: +5V  
2-3: +5VSB

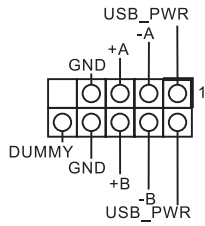


### 17 : USB2\_M2 Select

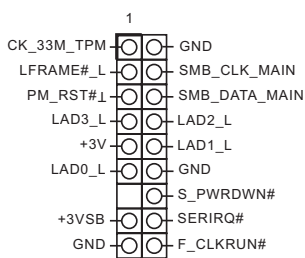
Open: USB2.0 Connector  
Short: M.2 Key E, BT Function



### 18 : USB2.0 Connector (USB2\_2\_3)



### 19 : LPC Header



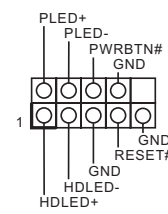
### 20 : Panel LED

### 21 : Clear CMOS Jumper (CLRMOSS2)

Open: Normal

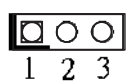
Short: Auto Clear CMOS (Power Off)

### 22 : System Panel Header

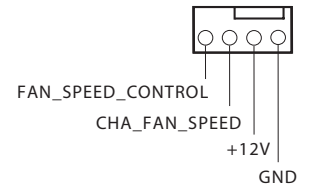


### 23 : Clear CMOS Header (CLRMOSS1)

1-2: Normal  
2-3: Clear CMOS

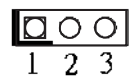


### 24 : 4-Pin Chassis FAN Connector (+12V)

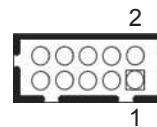


### 25 : PWR\_COM2

1-2: +5V  
2-3: +12V

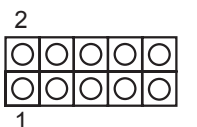


### 26 : COM Port Header (COM2) (RS232)

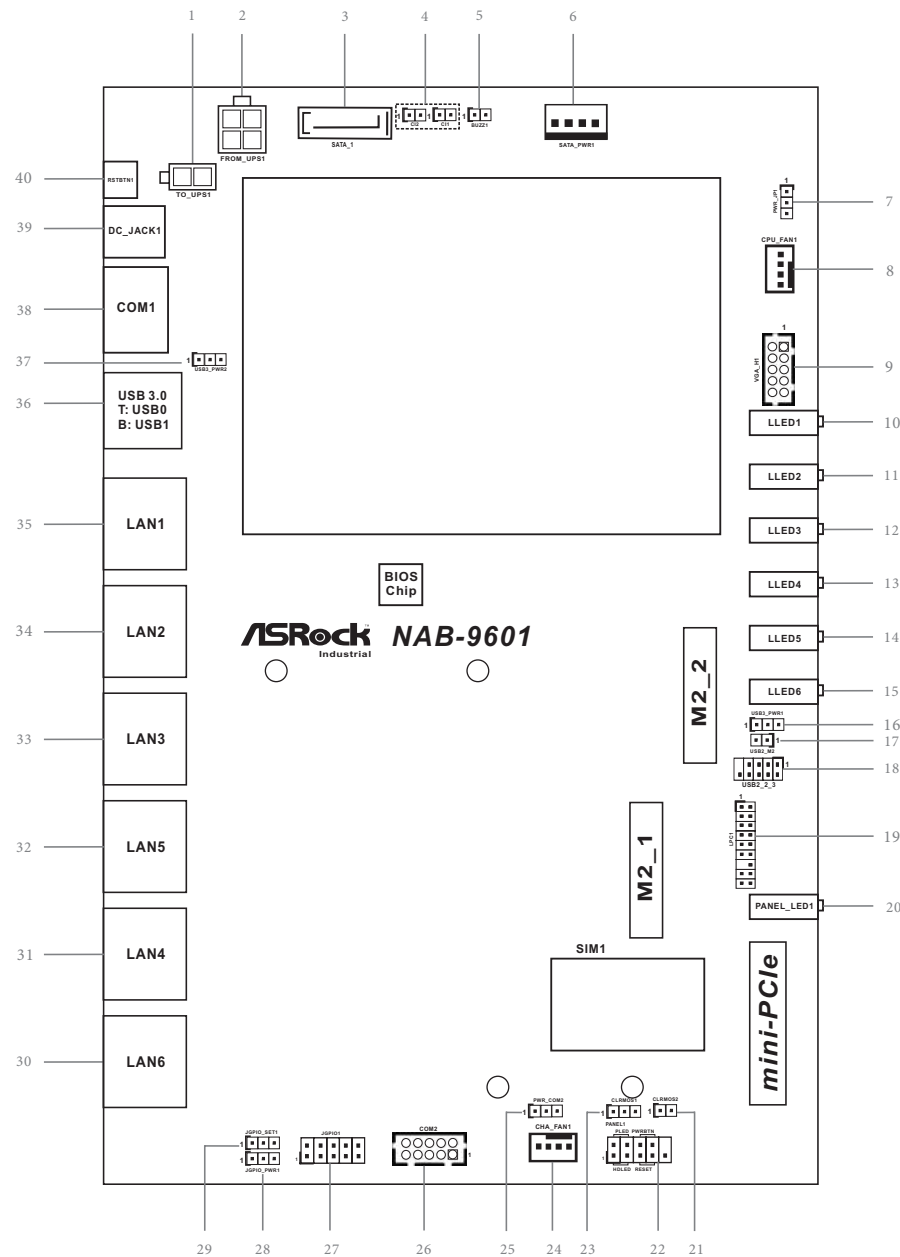


PIN	Signal Name	PIN	Signal Name	PIN	Signal Name	PIN	Signal Name	PIN	Signal Name
10	N/A	8	CCTS#	6	DDSR#	4	DDTR#	2	RRXD
9	PWR	7	RRTS#	5	GND	3	TTXD	1	DDCD#

### 27 : Digital Input / Output Pin Header



PIN	Signal Name	PIN	Signal Name	PIN	Signal Name	PIN	Signal Name	PIN	Signal Name
2	SIO_GP20	4	SIO_GP21	6	SIO_GP22	8	SIO_GP23	10	GND
1	SIO_GP24	3	SIO_GP25	5	SIO_GP26	7	SIO_GP27	9	JGPIO_PWR

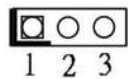


28 : Digital Input / Output Power Select

(JGPIO\_PWR1)

1-2: +12V

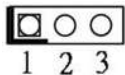
2-3: +5V



29 : Digital Input / Output Default Value Setting (JGPIO\_SET1)

1-2: Pull-High

2-3: Pull-Low



30 : LAN Port (LAN6)

31 : LAN Port (LAN5)

32 : LAN Port (LAN4)

33 : LAN Port (LAN3)

34 : LAN Port (LAN2)

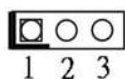
35 : LAN Port (LAN1)

36 : USB 3.0 Ports (USB3\_0\_1)

37 : USB Power Setting Jumper (USB3\_PWR2)

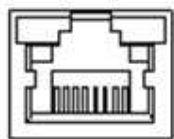
1-2: +5V

2-3: +5VSB



38 : COM Port (COM1) (RS232)

PIN	Signal Name
1	NC
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS



8 1

39 : DC Jack (DC\_JACK1)

40 : Reset Switch (RSTBTN1)