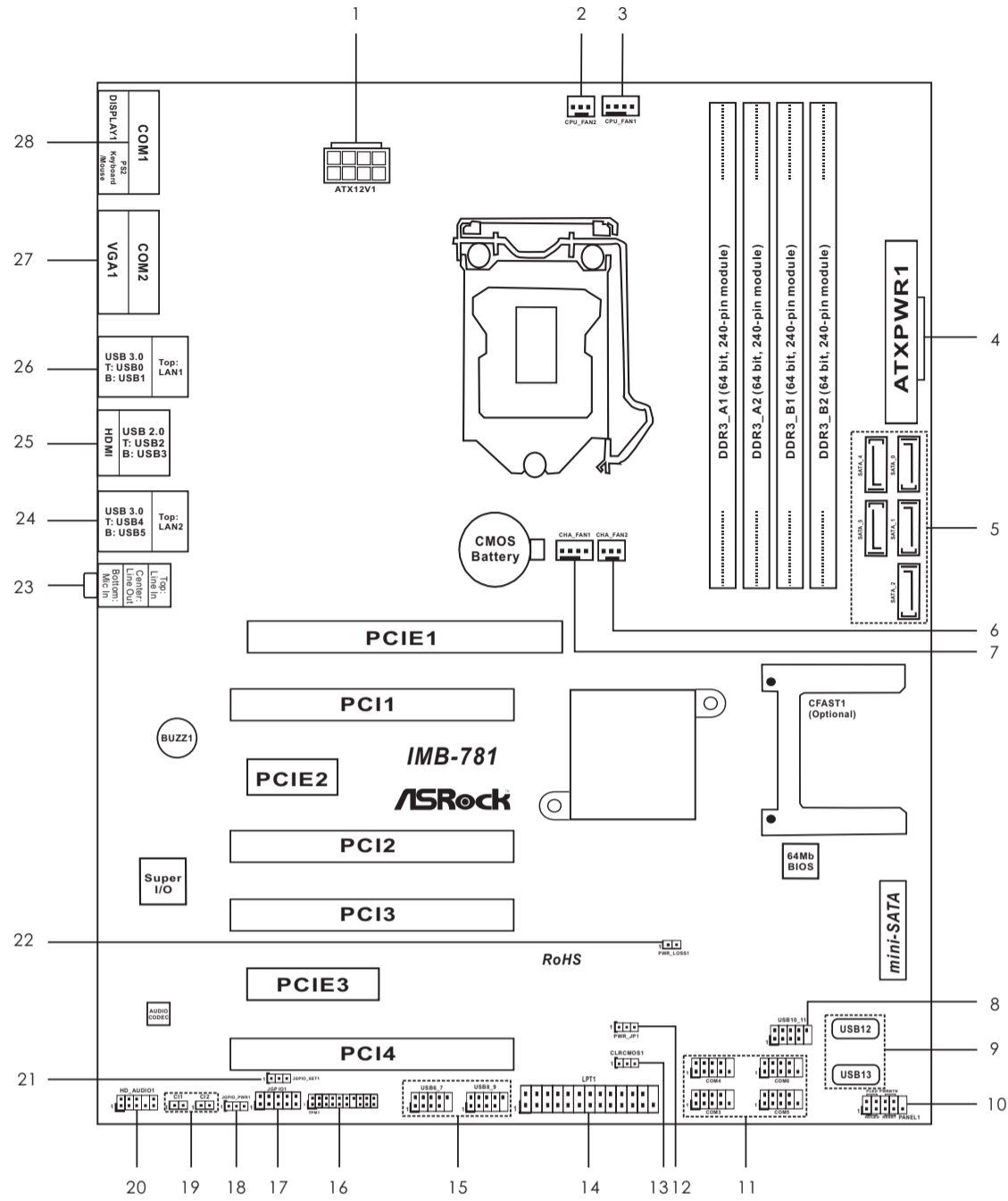




ASRock Jumpers and headers setting guide

IMB-781

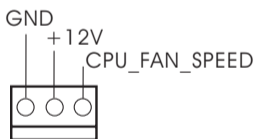
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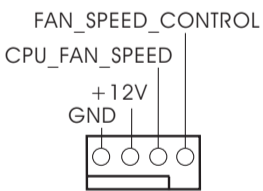
1 : ATX 12V Power Connector



2 : 3-Pin CPU FAN Connector (+12V)



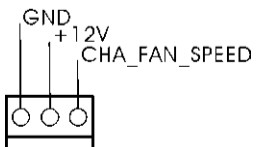
3 : 4-Pin CPU FAN Connector (+12V)



4 : 24-pin ATX Power Input Connector

5 : SATA3 Connectors

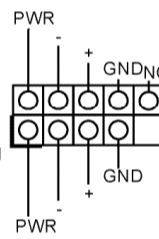
6 : 3-Pin Chassis FAN Connector (+12V)



7 : 4-Pin Chassis FAN Connector (+12V)

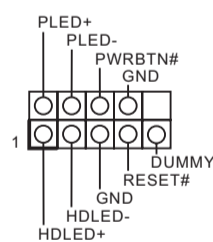


8, 15 : USB2.0 Headers

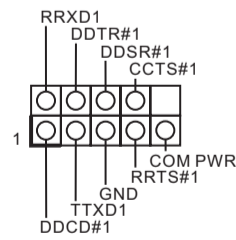


9 : USB2.0 Ports

10 : System Panel Header

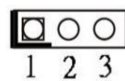


11 : RS-232 Port 4 Pin Headers



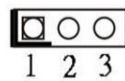
12 : ATX/AT mode Selection

1-2: AT mode
2-3: ATX mode

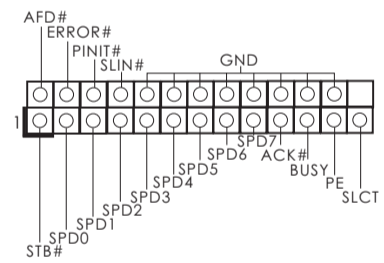


13 : Clear CMOS Header

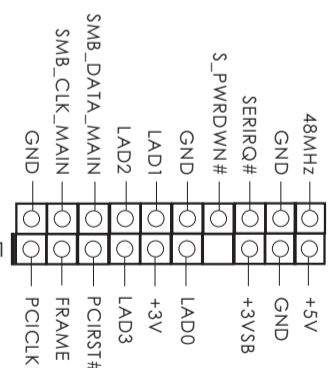
1-2: Normal
2-3: Clear CMOS



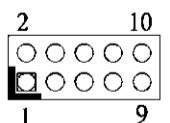
14 : Printer Port Header



16 : TPM Header



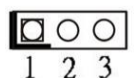
17 : Digital Input / Output Pin Header

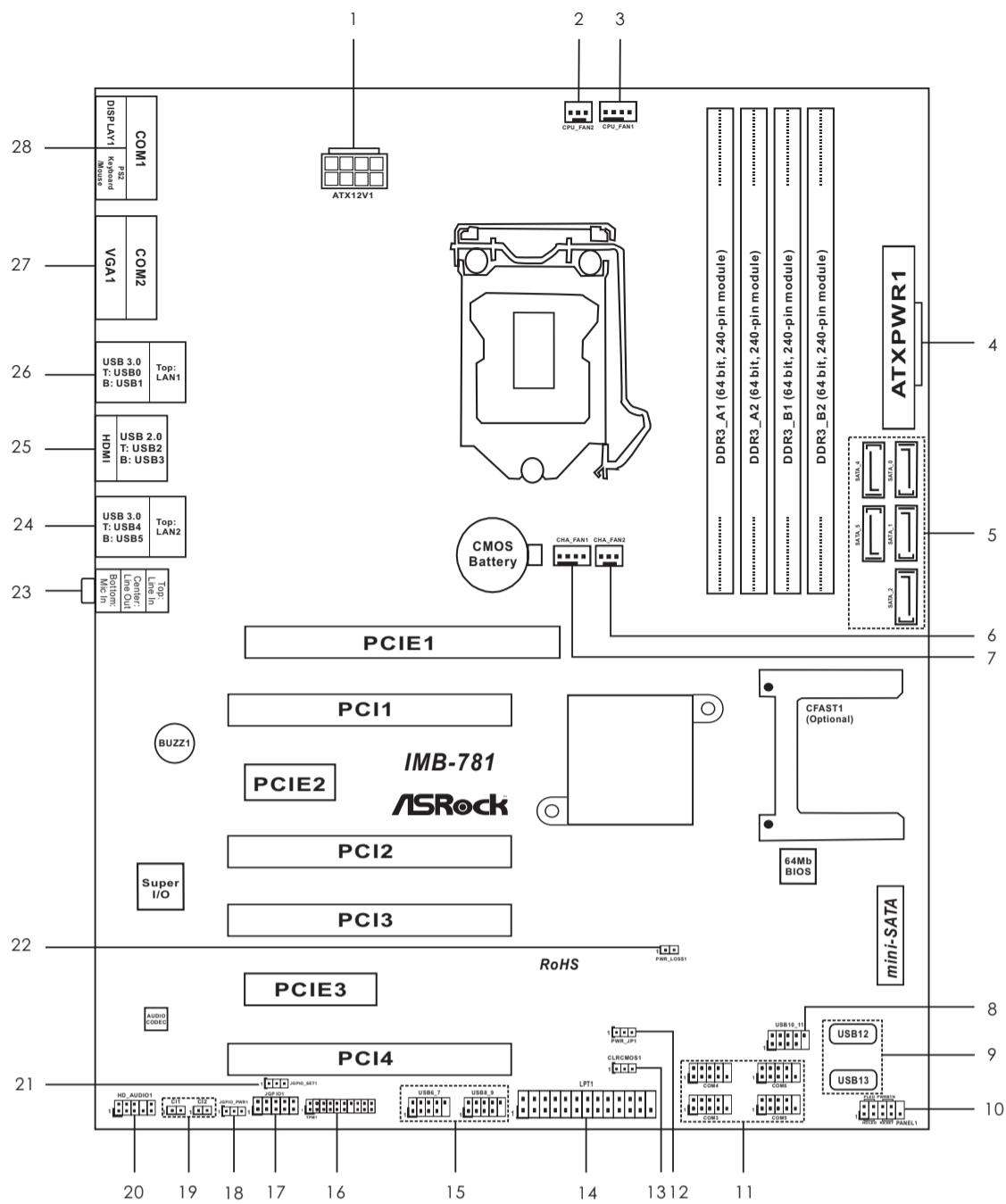


PIN	Signal Name	PIN	Signal Name
1	Digital Output 0	2	Digital Input 0
3	Digital Output 1	4	Digital Input 1
5	Digital Output 2	6	Digital Input 2
7	Digital Output 3	8	Digital Input 3
9	JGPIO_PWR1	10	GND

18 : Digital Input / Output Power select

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



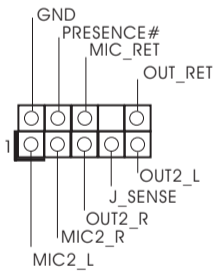


19 : Chassis Intrusion Headers



27 : Top : COM2*
Bottom : VGA1

20 : Front Panel Audio Header



28 : Top : COM1*
Bottom left: Display1
Bottom right: PS/2 Keyboard/Mouse

* This motherboard supports RS232/422/485 on COM1, 2 ports.
Please refer to below table for the pin definition. In addition, COM1, 2 ports (RS232/422/485) can be adjusted in BIOS setup utility > Advanced Screen > Super IO Configuration. You may refer to page 33 of our user manual for details.

COM1, 2 Port Pin Definition

PIN	RS232	RS422	RS485
1	DCD, Data Carrier Detect	TX-	RTX-
2	RXD, Receive Data	RX+	N/A
3	TXD, Transmit Data	TX+	RTX+
4	DTR, Data Terminal Ready	RX-	N/A
5	GND	GND	GND
6	DSR, Data Set Ready	N/A	N/A
7	RTS, Request To Send	N/A	N/A
8	CTS, Clear To Send	N/A	N/A
9	No Power/5V/12V	N/A	N/A

21 : Digital Input / Output Default Value Setting



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

22 : PWR LOSS Header

Short: Power Loss
Close: no Power Loss



23 : Audio Jacks

Blue - Line In
Green - Line Out
Pink - Mic In

24 : Top : RJ45 LAN Port 2

Bottom : USB3.0 (USB3_4_5)

25 : Top : USB2.0 (USB2_3)

Bottom : HDMI

26 : Top : RJ45 LAN Port 1

Bottom : USB3.0 (USB3_0_1)