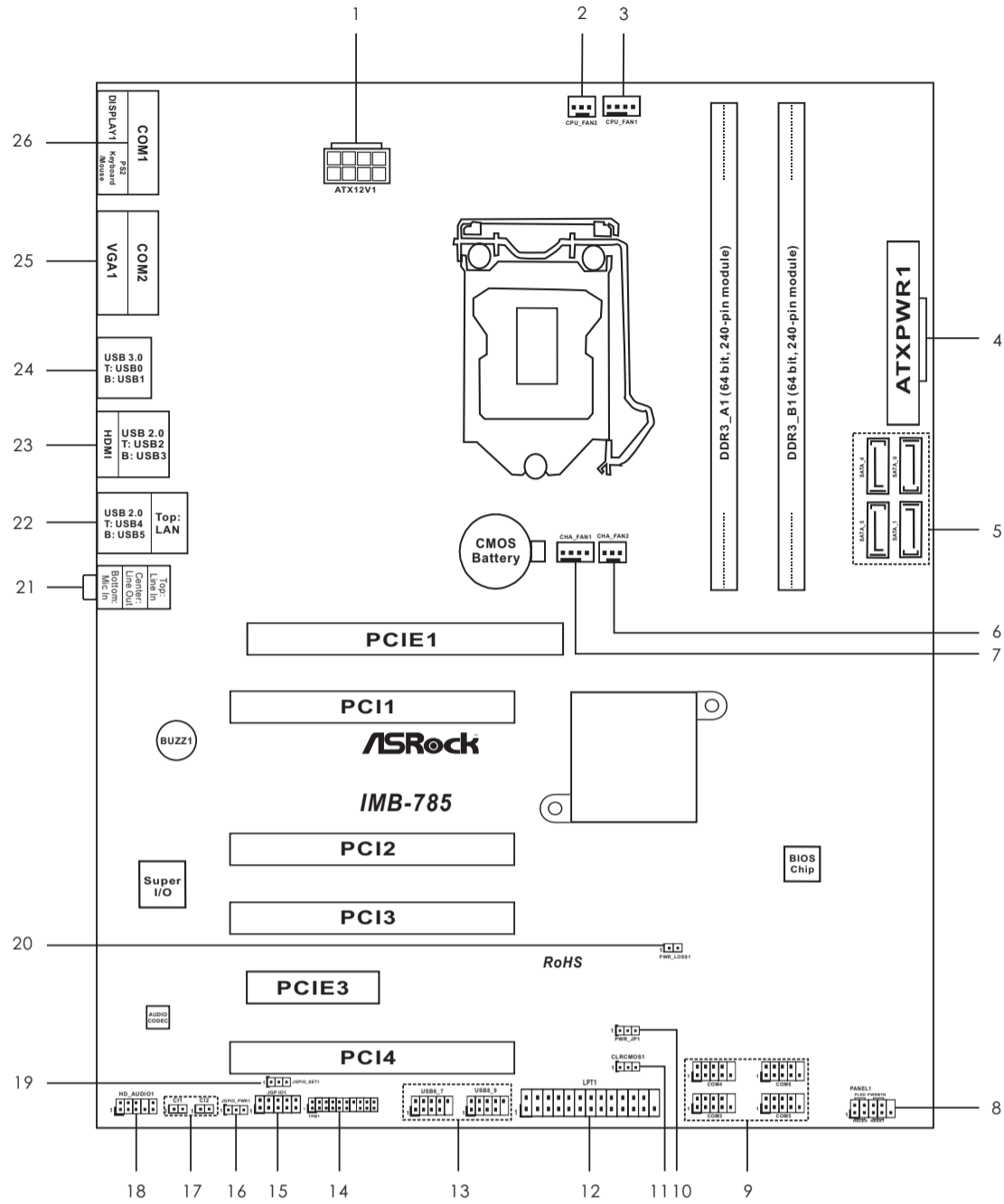




ASRock Jumpers and headers setting guide

IMB-785

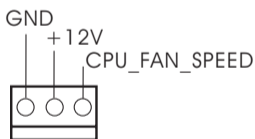
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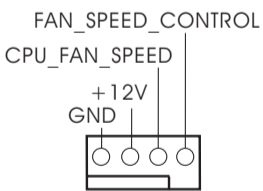
1 : ATX 12V Power Connector



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



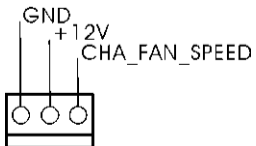
3 : 4-Pin CPU FAN Connector (+12V)



4 : 24-pin ATX Power Input Connector

5 : SATA3 Connectors (SATA_0, SATA_1)
SATA2 Connectors (SATA_4, SATA_5)

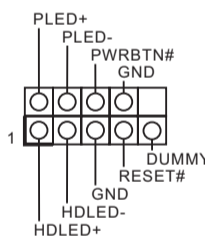
6 : 3-Pin Chassis FAN Connector (+12V)



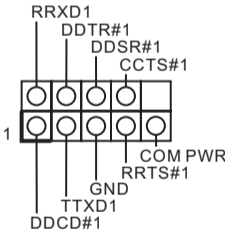
7 : 4-Pin Chassis FAN Connector (+12V)



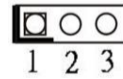
8 : System Panel Header



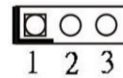
9 : COM3, 4, 5, 6 Headers (RS232)



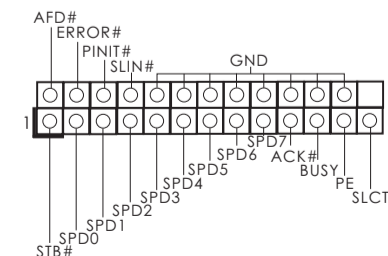
10 : ATX/AT mode Selection
1-2: AT Mode
2-3: ATX Mode



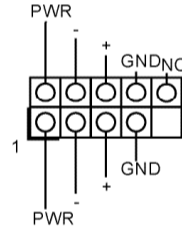
11 : Clear CMOS Header
1-2: Normal
2-3: Clear CMOS



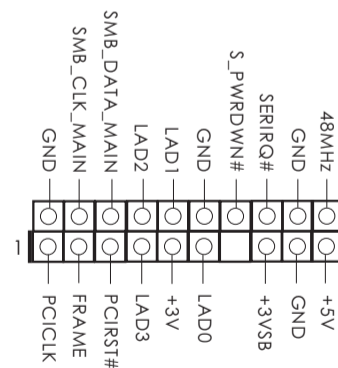
12 : Printer Port Header



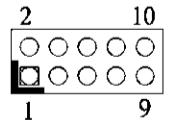
13 : USB Headers (USB6_7, USB8_9)



14 : TPM Header

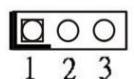


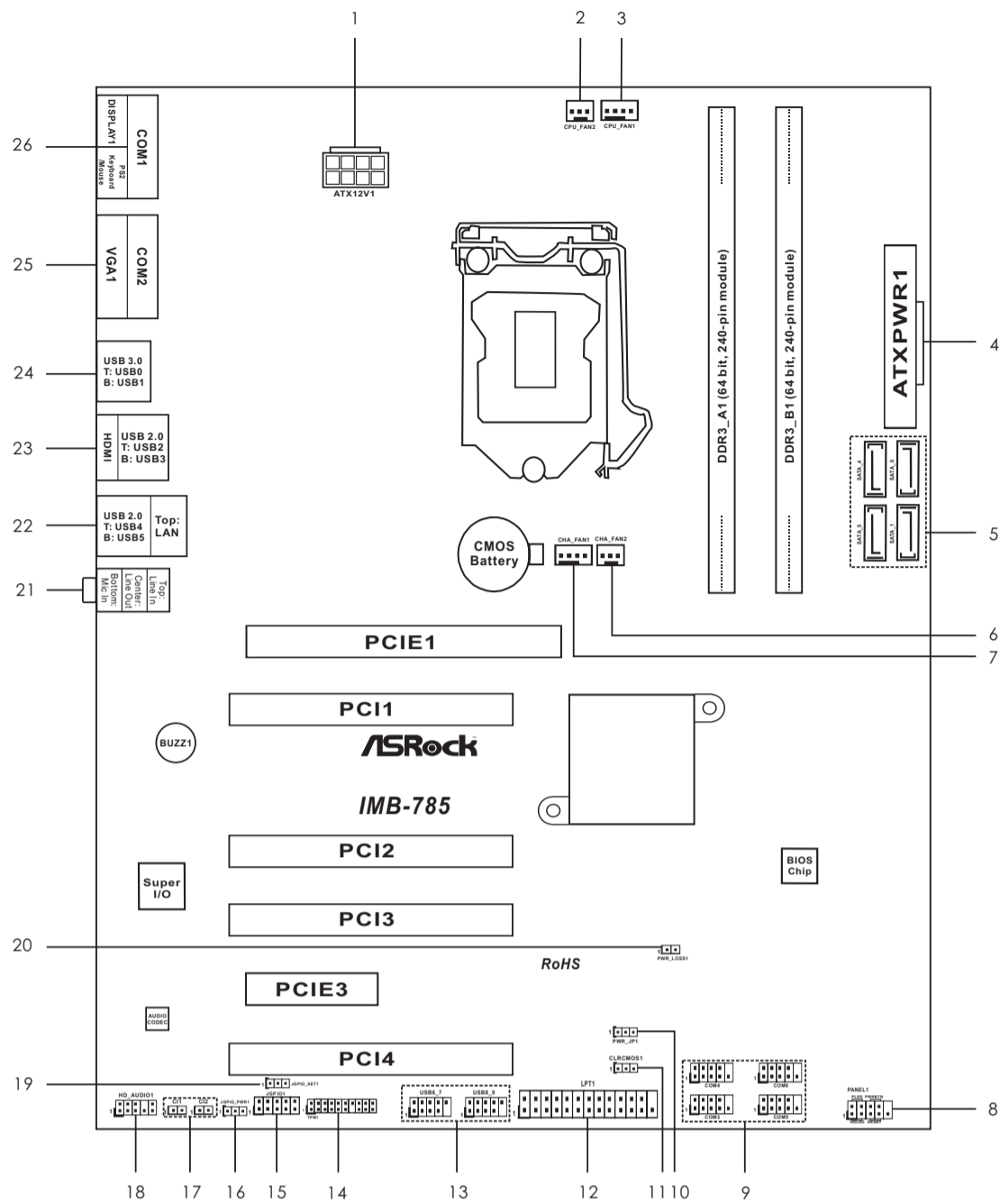
15 : Digital Input / Output
Pin Header



PIN	Signal Name	PIN	Signal Name
1	SIO_24	2	SIO_20
3	SIO_25	4	SIO_21
5	SIO_26	6	SIO_22
7	SIO_27	8	SIO_23
9	JGPIO_PWR1	10	GND

16 : Digital Input / Output Power Select
1-2: +12V
2-3: +5V

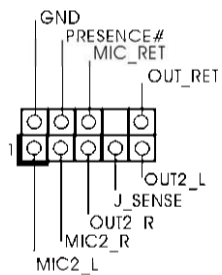




17 : Chassis Intrusion Headers



18 : Front Panel Audio Header

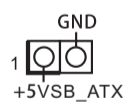


19 : Digital Input / Output Default Value Setting



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

20 : PWR LOSS Header
Short: Power Loss
Close: no Power Loss



21 : Audio Jacks
Blue - Line In
Green - Line Out
Pink - Mic In

22 : Top: RJ45 LAN Port
Bottom: USB2.0 (USB4_5)

23 : Top: USB2.0 (USB2_3)
Bottom: HDMI

24 : USB3.0 (USB0_1)

25 : Top: COM2 (RS232/422/485)*
Bottom: VGA1

26 : Top: COM1 (RS232/422/485)*
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 30 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