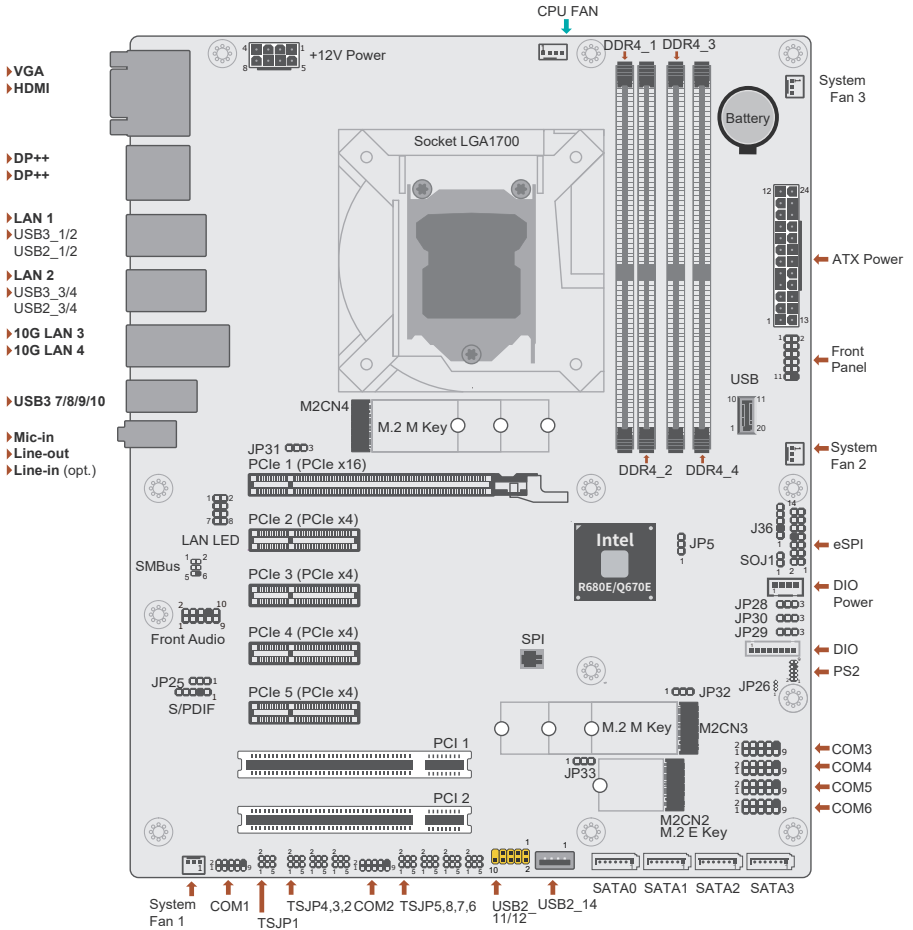


Board Layout and Jumper Settings



Clear CMOS Data JP5

Normal (default)	1-2 On
Clear CMOS Data	2-3 On

AT/ATX mode select JP26

AT mode(default)	1-2 On
ATX mode	2-3 On

DIO0~3 power select JP29

5V_DIO(default)	1-2 On
GND	2-3 On

PS/2 and USB Wake up select JP25

Control by BIOS (default)	1-2 On
Wake up disable	2-3 On

DIO power select(5V_DIO) JP28

5VDU(default)	1-2 On
5V	2-3 On

DIO4~7 power select JP30

5V_DIO(default)	1-2 On
GND	2-3 On

M2CN4 power select JP31

3V3(default)	1-2 On
3V3DU	2-3 On

M2CN3 power select JP32

3V3(default)	1-2 On
3V3DU	2-3 On

M2CN2 power select JP33

3V3DU(default)	1-2 On
3V3	2-3 On

Power Selection COM 1 TSJP1

RS232 Standard (default)	1-3 / 2-4
RS232 with Power	3-5 / 4-6

Selection for COM 1 TSJP2

RS232 (default)	1-3 / 4-6
RS422	3-5 / 4-6
RS485	3-5 / 2-4

Selection for COM 1 TSJP3

RS232 (default)	1-3 / 2-4
RS422	3-5 / 4-6
RS485	3-5 / 4-6

Selection for COM 1 TSJP4

RS232 (default)	1-3 / 2-4
RS422	3-5 / 4-6
RS485	3-5 / 4-6

Power Selection COM 2 TSJP5

RS232 Standard (default)	1-3 / 2-4
RS232 with Power	3-5 / 4-6

Selection for COM 2 TSJP6

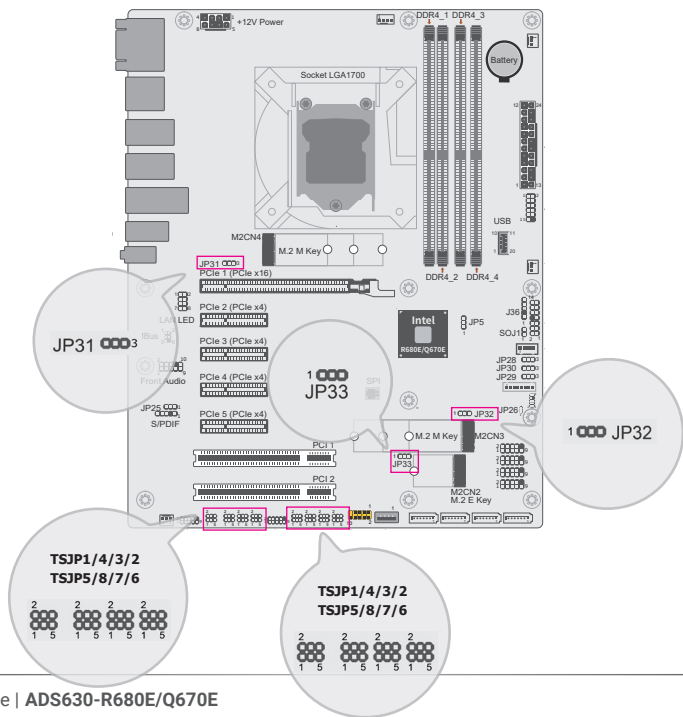
RS232 (default)	1-3 / 4-6
RS422	3-5 / 4-6
RS485	3-5 / 2-4

Selection for COM 2 TSJP7

RS232 (default)	1-3 / 2-4
RS422	3-5 / 4-6
RS485	3-5 / 4-6

Selection for COM 2 TSJP8

RS232 (default)	1-3 / 2-4
RS422	3-5 / 4-6
RS485	3-5 / 4-6



Pin Assignment

J34 Digital I/O (DIO)

Pin	Function
1	DIO0
2	DIO1
3	DIO2
4	DIO3
5	DIO4
6	DIO5
7	DIO6
8	DIO7

J33 Digital I/O (DIO) Power

Pin	Function
1	12V
2	GND
3	5VDU
4	5V

J7 SYSTEM FAN1

Pin	Function
1	GND
2	PWM
3	TACH

J22 SYSTEM FAN2

Pin	Function
1	GND
2	PWM
3	TACH

J30 SYSTEM FAN3

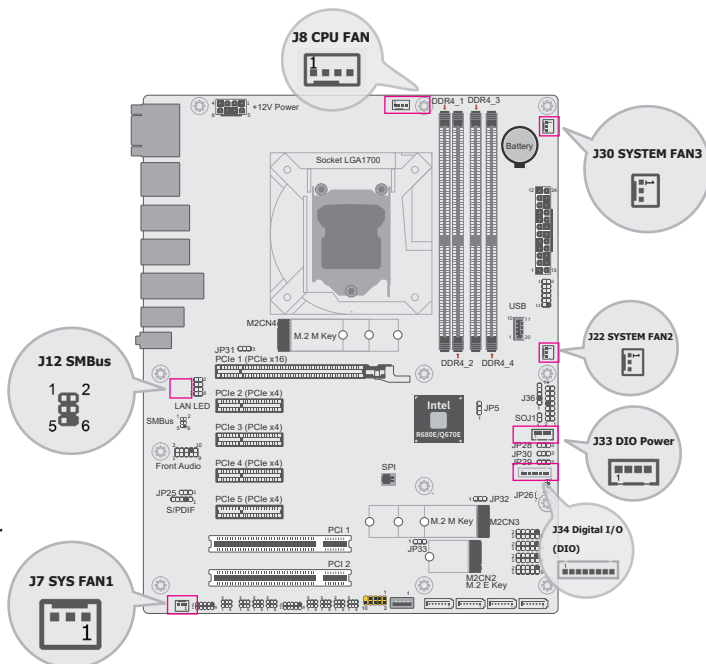
Pin	Function
1	GND
2	PWM
3	TACH

J8 CPU FAN

Pin	Function
1	GND
2	12V
3	RPM
4	CTRL

J12 SMBus Header

Pin	Function	Pin	Function
1	3V3DU	2	GND
3	SMB_CLK	4	SMB_DATA
5	SMB_ALERT-		



J11 COM3

Pin	Function	Pin	Function
1	MDCD-	2	MSIN-
3	MSO-	4	MDTR-
5	GND	6	MDSR-
7	MRTS-	8	MCTS-
9	MRI-		

J13 COM4

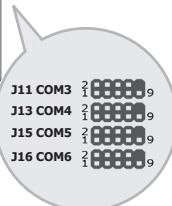
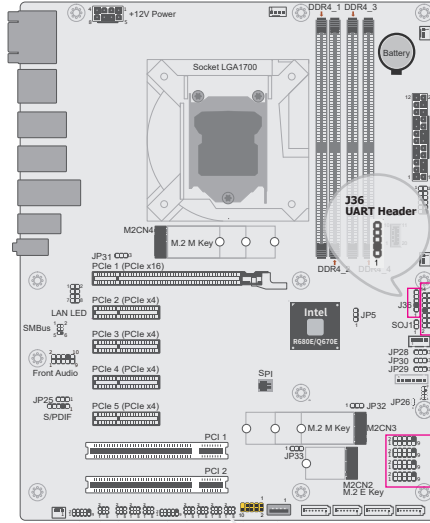
Pin	Function	Pin	Function
1	MDCD-	2	MSIN-
3	MSO-	4	MDTR-
5	GND	6	MDSR-
7	MRTS-	8	MCTS-
9	MRI-		

J15 COM5

Pin	Function	Pin	Function
1	MDCD-	2	MSIN-
3	MSO-	4	MDTR-
5	GND	6	MDSR-
7	MRTS-	8	MCTS-
9	MRI-		

J16 COM6

Pin	Function	Pin	Function
1	MDCD-	2	MSIN-
3	MSO-	4	MDTR-
5	GND	6	MDSR-
7	MRTS-	8	MCTS-
9	MRI-		



J35 eSPI Header

Pin	Function	Pin	Function
1	3V3SB	2	ESPI_CLK
3	ESPI_RESET#	4	GND
5	ESPI_ALT#	6	GND
7	ESPI_D0		
9	ESPI_D1	10	ESPI_CS
11	ESPI_D2	12	3V3SB
13	ESPI_D3	14	3V3SB

J36 UART Header

Pin	Function
1	GND
2	NC
3	3V3SB
4	UART_TX
5	UART_RX

UBJ1 USB 3.2 Gen2 Key B

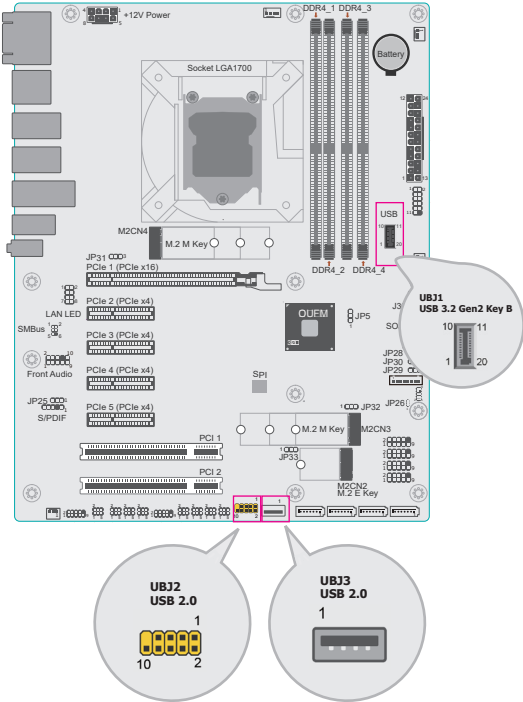
Pin	Function	Pin	Function
1	GND	11	GND
2	SSTXP1	12	SSTXN2
3	SSTXN1	13	SSTXP2
4	GND	14	GND
5	SSRXP1	15	SSRXN2
6	SSRXN1	16	SSRXP2
7	GND	17	GND
8	DP1	18	DP2
9	DN1	19	DN2
10	VBUS	20	VBUS

UBJ2 USB 2.0

Pin	Function	Pin	Function
1	VBUS	2	VBUS
3	DN1	4	DN2
5	DP1	6	DP2
7	GND	8	GND
		10	NC

UBJ3 USB 2.0

Pin	Function
1	VBUS
2	DN1
3	DP1
4	GND



Due to the COVID-19 pandemic, the product's release is delayed. For the latest information about the product, please visit the document download page at [JRCFRP%](#), or via [the QR codes to the right.](#)

