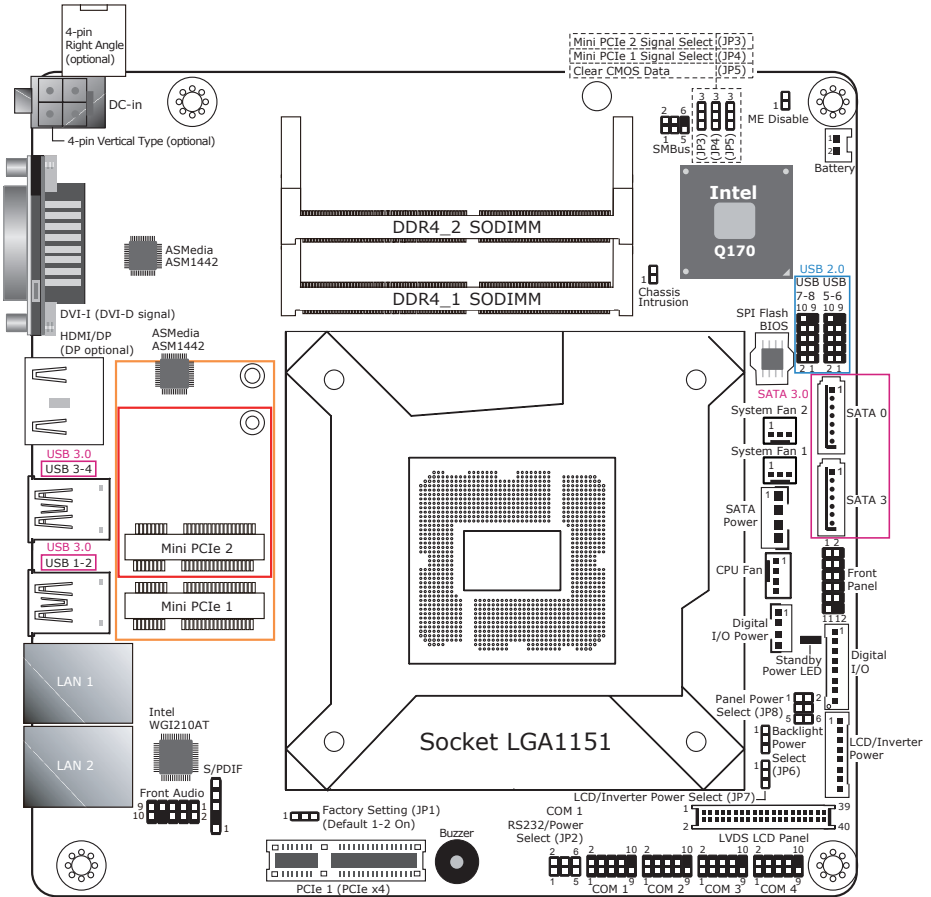


**Board Layout and Jumper Settings**



- Note:**
1. SD101-Q170: Single 12V +/-10% DC.
  2. SD103-Q170: Wide range 15~36V.

Clear CMOS Data	JP5
Normal (default)	1-2 On
Clear CMOS Data	2-3 On

Backlight Power Select	JP6
+3.3V (default)	1-2 On
+5V	2-3 On

LCD/Inverter Power Select	JP7
+12V (default)	1-2 On
+5V	2-3 On

Mini PCIe 1 Signal Select	JP4
Mini PCIe	1-2 On
mSATA (default)	2-3 On

Mini PCIe 2 Signal Select	JP3
Mini PCIe	1-2 On
mSATA (default)	2-3 On

Panel Power Select	JP8
+12V	1-2 On
+5V	3-4 On
+3.3V (default)	5-6 On

Factory Setting	JP1
For internal use only (default)	1-2 On

COM 1 RS232 Power Select	JP2
Standard RS232 (default)	1-3 (RI), 2-4 (DCD) On
RS232 with power	3-5 (+5V), 4-6 (+12V) On

## PIN Assignment

### ► COM1 RS232/RS422/RS485

Pin	Assignment	Pin	Assignment
1	MDCD1-/ RS422_RX+ / RS485_D+	2	MSIN1-/ RS422_RX- / RS485_D-
3	MSO1-/RS422_ TX+	4	MDTR1-/ RS422_TX-
5	GND	6	MDSR1-
7	MRTS1-	8	MCTS1-
9	MRI1-	10	--



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