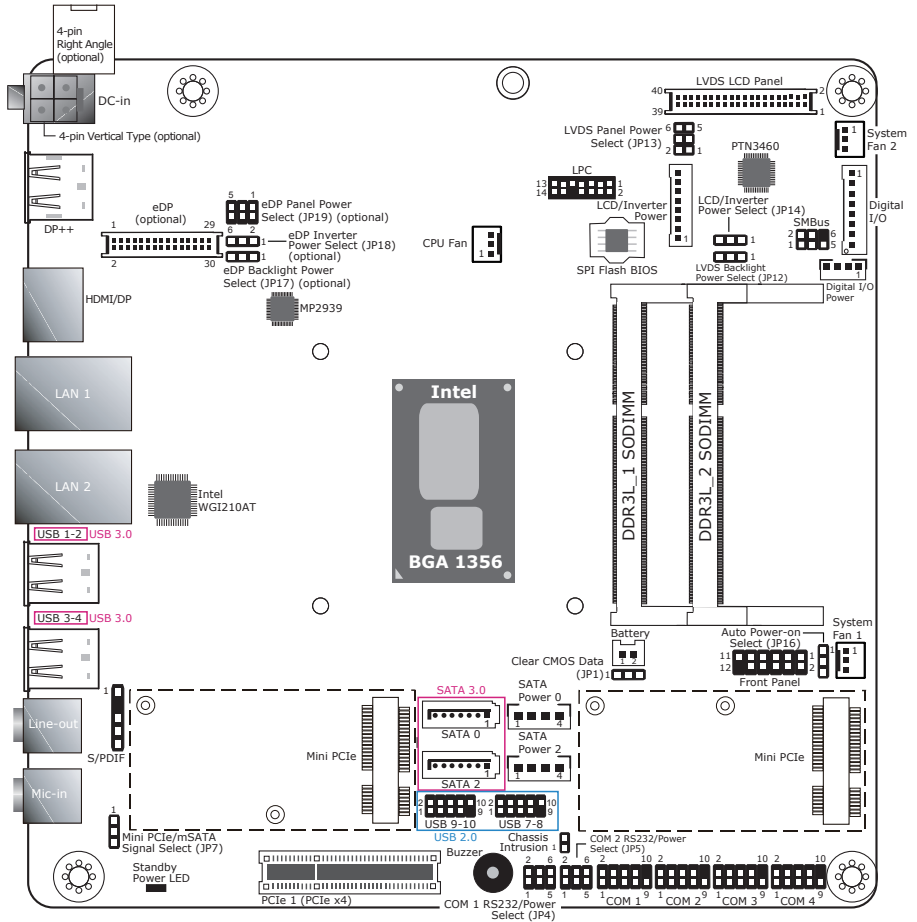


**Board Layout and Jumper Settings**



- Note:**
1. SU171: Single 12V +/-10% DC
  2. SU173: Wide Range 15~36V
  3. The eDP connector is optional.
  4. JP17, JP18 and JP19 will work when the eDP connector is populated on the system board.

LVDS Panel Power Select	JP13
+12V	1-2 On
+5V	3-4 On
+3.3V (default)	5-6 On

LVDS Backlight Power Select	JP12
+3.3V (default)	1-2 On
+5V	2-3 On

LCD/Inverter Power Select	JP14
+12V (default)	1-2 On
+5V	2-3 On

Clear CMOS Data	JP1
Normal (default)	1-2 On
Clear CMOS Data	2-3 On

Mini PCIe/mSATA Signal	JP7
mSATA (default)	1-2 On
Mini PCIe	2-3 On

eDP Panel Power (optional)	JP19
+12V	1-2 On
+5V	3-4 On
+3.3V (default)	5-6 On

eDP Inverter Power (optional)	JP18
+12V (default)	1-2 On
+5V	2-3 On

eDP Backlight Power (optional)	JP17
+3.3V (default)	1-2 On
+5V	2-3 On

RS232 Power	COM1(JP4), COM2(JP5)
Standard (default)	1-2 On
RS232 with power	2-3 On

Auto Power-on Select	JP16
via power button (default)	1-2 On
via AC power	2-3 On

## PIN Assignment

### ► COM1 RS232/RS422/RS485

Pin	Assignment	Pin	Assignment
1	MDCD1-/ RS422_RX+ / RS485_D+	2	MSIN1-/ RS422_RX- / RS485_D-
3	MISO1-/RS422_ TX+	4	MDTR1-/ RS422_TX-
5	GND	6	MDSR1-
7	MRTS1-	8	MCTS1-
9	MRI1-	10	--



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