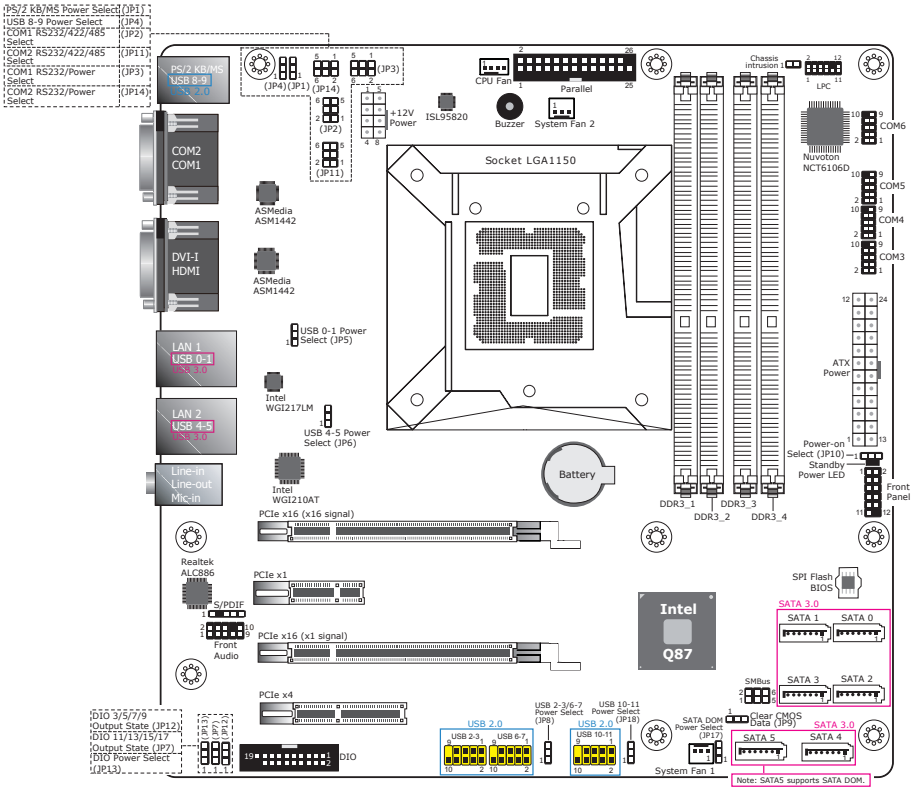


**Board Layout**



**Note:**  
 SATA5 supports SATA DOM.

## Jumper Settings

PS/2 Keyboard/Mouse Power Select		JP1
+5V (default)		1-2 On
+5V_standby		2-3 On

Digital I/O Power Select		JP13
+5V_standby (default)		1-2 On
+5V		2-3 On

Digital I/O Output State		DIO 3/5/7/9 (JP12) DIO 11/13/15/17 (JP7)
+5V or +5V_standby (default)		1-2 On
GND		2-3 On

Serial Mode Select		COM 1 (JP2), COM 2 (JP11)
RS232 (default)		1-2 On
RS422 Full Duplex		3-4 On
RS485		5-6 On

RS232 Power Select		COM 1 (JP3), COM 2 (JP14)
RS232 (default)		1-3 On (RI), 2-4 On (DCD)
RS232 with power		3-5 On (+5V), 4-6 On (+12V)

<b>USB Power Select</b>	<b>USB 0-1 (JP5), 2-3/6-7 (JP8), 4-5 (JP6), 8-9 (JP4), 10-11 (JP18)</b>
+5V (default)	1-2 On
+5V_standby	2-3 On

<b>Clear CMOS Data</b>	<b>JP9</b>
Normal (default)	1-2 On
Clear CMOS Data	2-3 On

<b>Auto Power-on Select</b>	<b>JP10</b>
Power-on via power button (default)	1-2 On
Power-on via AC power	2-3 On

<b>SATA DOM Power Select</b>	<b>JP17</b>
+GND (default)	1-2 On
+5V	2-3 On

## Battery Usage

The lithium ion battery powers the real-time clock and CMOS memory. It is an auxiliary source of power when the main power is shut off.

## Safety Measures

- Danger of explosion if battery incorrectly replaced.
- Replace only with the same or equivalent type recommend by the manufacturer.
- Dispose of used batteries according to local ordinance.



DFI reserves the right to change the specifications at any time prior to the product's release. This QR may be based on editions that do not resemble your actual products. For more documentation and drivers, please visit the download page at [go.dfi.com/HD310-Q97](https://go.dfi.com/HD310-Q97), or via the QR code to the right.

