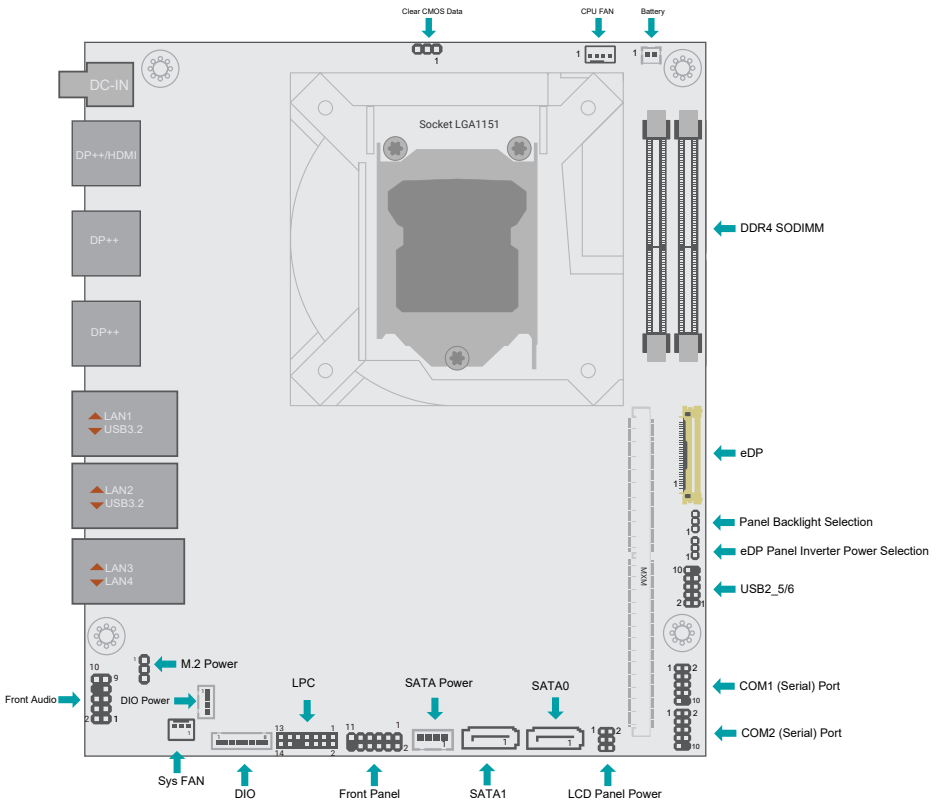


## Board Layout

### Top View





## Jumper Settings

<b>Clear CMOS Data</b>	<b>JP1</b>
Normal (default)	1-2 ON
Clear CMOS Data	2-3 ON

<b>M.2 Power</b>	<b>M2JP204</b>
3V3SB (default)	1-2 ON
3V3	2-3 ON

<b>LCD Panel Power</b>	<b>DPJP201</b>
12V	1-2 ON
5V	3-4 ON
3V3 (default)	5-6 ON

<b>Panel Backlight Selection</b>	<b>DPJP202</b>
3V3 (default)	1-2 ON
5V	2-3 ON

<b>eDP Panel Inverter Power Selection</b>	<b>DPJP203</b>
Normal (default)	1-2 ON
Clear CMOS Data	2-3 ON



# PIN Assignment

## ▶ CPU Fan

Pin	Assignment
1	Ground
2	12V
3	RPM
4	CTRL

## ▶ DIO Power

Pin	Assignment
1	+12V
2	GND
3	5VSB
4	5V

## ▶ SATA Power

Pin	Assignment
1	N.C
2	GND
3	GND
4	+5V

## ▶ SATA

Pin	Assignment
1	GND
2	TX+
3	TX-
4	GND
5	RX-
6	RX+
7	GND

## ▶ Front Panel

Pin	Assignment	Pin	Assignment
1	NC	2	V_SUS_LED
3	3V3	4	V_SUS_LED
5	HDD_LED	6	SUS_LED
7	GND	8	GND
9	SYS_RST-	10	PWR_BTN-
11	NC	12	---

## ► USB2\_5/6

Pin	Assignment	Pin	Assignment
1	SBV4	2	SBV4
3	USBP_C_5N	4	USBP_C_6N
5	USBP_C_5P	6	USBP_C_6P
7	GND	8	GND
9	----	10	NC

## ► COM Port

Pin	Assignment	Pin	Assignment
1	MDCD1(2)-	2	MRD1(2)
3	MTD1(2)	4	MDTR1(2)-
5	GND	6	MDSR1(2)-
7	MRTS1(2)-	8	MCTS1(2)-
9	MRI1(2)-		

## ► Front Audio

Pin	Assignment	Pin	Assignment
1	MIC2_L	2	GND
3	MIC2_R	4	NC
5	LINE2_R	6	MIC2_JD
7	A_GND	8	---
9	LINE2_L	10	LINE2_JD

## ► DIO\_Connector

Pin	Assignment	Pin	Assignment
1	D_IOA0_C	2	D_IOA1_C
3	D_IOA2_C	4	D_IOA3_C
5	D_IOA4_C	6	D_IOA5_C
7	D_IOA6_C	8	D_IOA7_C

## ► LPC

Pin	Assignment	Pin	Assignment
1	CLK	2	LAD1
3	RST#	4	LAD0
5	FRAME#	6	VCC3
7	LAD3	8	GND1
9	LAD2	10	---
11	SERIRQ	12	GND2
13	5VSB	14	5V

## ► eDP

Pin	Assignment	Pin	Assignment
1	NC	21	eDP Panel PWR
2	VCC_INV_PWR	22	eDP Panel PWR
3	VCC_INV_PWR	23	eDP Panel PWR
4	VCC_INV_PWR	24	GND
5	VCC_INV_PWR	25	eDP_AUX-
6	NC	26	eDP_AUX+
7	NC	27	GND
8	DIMMING	28	eDP_Lane 0+
9	BLONOFF	29	eDP_Lane 0-
10	GND	30	GND
11	GND	31	eDP_Lane 1+
12	GND	32	eDP_Lane 1-
13	GND	33	GND
14	eDP_HPDC	34	eDP_Lane 2+
15	GND	35	eDP_Lane 2-
16	GND	36	GND
17	GND	37	eDP_Lane 3+
18	GND	38	eDP_Lane 3-
19	NC	39	GND
20	eDP Panel PWR	40	NC



DFI reserves the right to change the specifications at any time prior to the product's release. This QR may be based on the product's revision. For more documentation and drivers, please visit the download page at [www.dfi.com/downloadcenter](http://www.dfi.com/downloadcenter), or via the QR codes to the right.

