

Switch Settings

32 DIP Switch

SW1

SKUs		M.2 E-Key	M.2 B-Key	M.2 M-Key	SATA_5V
000G~800G	SW1	1-8 ON	2-7 ON	3-6 OFF	4-5 OFF
		+3V3SB	+3V3SB	+3V3	+5V
900G	SW1	1-8 ON	2-7 ON	3-6 ON	4-5 ON
		+3V3SB	+3V3SB	+3V3SB	+5VSB

Jumper Settings

30 Clear CMOS

JP1

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

34 Power On Select (Option)

JP5

AC In Power On	1-2 On (default)
Power Button ON	2-3 On

25 Inverter Power Select

DPJP602

+12V (default)	1-2 On
+5V	2-3 On

26 Panel Power Select

DPJP603

+12V	1-2 On
+5V	3-4 On
+3.3V (default)	5-6 On

24 Backlight ON/OFF & Dimming voltage select

DPJP604

+3V3 (default)	1-2 On
+5V	2-3 On

7 DIO POWER Select

JP2

+5VSB (default)	1-2 On
+5V	2-3 On

8 DIO PU/PD Select

JP3

DIO Power (DIO4-7)	1-3 On(default)
DIO Power (DIO0-3)	2-4 On(default)
GND (DIO4-7)	3-5 On
GND (DIO0-3)	4-6 On

Pin Assignments

23 USB 7/8 (USB 2.0)

Pin	Function	Pin	Function
1	VCC	2	VCC
3	-Data	4	-Data
5	+Data	6	+Data
7	GND	8	GND
9	---	10	N.C.

28 SATA Power

Pin	Function
1	+12V
2	GND
3	GND
4	5V_SATA by SW1 4-5 select.

22 SATA

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

20 Front Panel

Pin	Function	Pin	Function
1	Power Button	2	SUS LED PWR
3	GND	4	SUS LED
5	Reset	6	HDD LED

15 COM1

Pin	RS232	RS422	RS485
1	DCD-	TXD-	Data-
2	SIN	TXD+	Data+
3	SOUT	RXD+	N.C.
4	DTR-	RXD-	N.C.
5	GND	GND	GND
6	DSR-	N.C.	N.C.
7	RTS-	N.C.	N.C.
8	CTS-	N.C.	N.C.
9	RI-	N.C.	N.C.

10 DIO

Pin	Function	Pin	Function
1	DIO_7	2	DIO_6
3	DIO_5	4	DIO_4
5	DIO_3	6	DIO_2
7	DIO_1	8	DIO_0
9	DIO Power	10	GND

13 Front Audio

Pin	Function	Pin	Function
1	Mic-L	2	GND
3	Mic-R	4	N.C.
5	Line-Out-R	6	Mic-JD (sense)
7	GND	8	N.C.
9	Line-Out-L	10	Line-JD (sense)

6 SMBus

Pin	Function	Pin	Function
1	3V3SB	2	GND
3	SM_Clk	4	SM_DATA
5	SM_Alert-	6	---

27 LVDS

Pin	Function	Pin	Function
1	GND	2	GND
3	LVDSA_Out3+	4	LVDSB_Out3+
5	LVDSA_Out3-	6	LVDSB_Out3-
7	GND	8	GND
9	LVDSA_Out2+	10	LVDSB_Out2+
11	LVDSA_Out2-	12	LVDSB_Out2-
13	GND	14	GND
15	LVDSA_Out1+	16	LVDSB_Out1+
17	LVDSA_Out1-	18	LVDSB_Out1-
19	GND	20	GND
21	LVDSA_Out0+	22	LVDSB_Out0+
23	LVDSA_Out0-	24	LVDSB_Out0-
25	GND	26	GND
27	LVDSA_CLK1+	28	LVDSB_CLK1+
29	LVDSA_CLK1-	30	LVDSB_CLK1-
31	GND	32	GND
33	LVDS_DDC_CLK	34	NC
35	LVDS_DDC_DATA	36	+3.3V
37	Panel Power	38	Panel Power
39	Panel Power	40	Panel Power

21 LVDS Backlight

Pin	Function
1	+12V/+5V via jumper
2	GND
3	Backlight On/Off
4	PWM Brightness Control
5	5V



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