

1. General Specifications

No.	Item	Specification	Unit
1	Display Size (Diagonal)	10.1	inch
2	Display Resolution	800(H) × RGB × 1280 (V)	pixels
3	Pixel Pitch	56.4(H) × 169.2 (V)	um
4	LCM Outline Dimension (Without FPC)	143 (W) × 228.6 (H) × 2.63 (T)	mm
5	LCD Outline Dimension	139.36 (W) × 225.576 (H) × 0.8 (T)	mm
6	LCD Active Area	135.36 (W) × 216.58 (H)	mm
7	View Direction (Gray Inversion)	FULL VIEW	-
8	Driver IC	JD9365DA-H3	-
9	Pixel Arrangement	RGB-Stripe	-
10	Display Mode	Normal Black	-
11	Pixel driving Element	a-Si TFT	-
12	LCD Transmittance	Typ.: 5.41% Min:4.65%	-
13	LCD Contrast Ratio	Typ.: 1000 Min:800	-
14	FPC Version	Z101027-7836 V1	-
15	Interface	MIPI	-
16	Operating Temperature	-10°C~ 60°C	-
17	Storage Temperature	-20°C~ 70°C	-
18	Backlight Arrangement	LED/3 Series 9 Parallel (27 lights in total)	-
19	Luminance	330	nit
20	Weight	0.176	kg

2. Interface Definition Description

PIN NO.	PIN DEF.	FUNCTION DESC.
1-3	LEDA	POWER SUPPLY- FOR BACKLIGHT ANODE
4	NC	No Connection
5-8	LEDK	POWER SUPPLY- FOR BACKLIGHT CATHODE
9-10	GND	Ground
11	D2P	Positive MIPI differential data input
12	D2N	Negative MIPI differential data input
13	GND	Ground
14	D1P	Positive MIPI differential data input
15	D1N	Negative MIPI differential data input
16	GND	Ground
17	CLKP	Positive MIPI differential CLOCK input
18	CLKN	Negative MIPI differential CLOCK input
19	GND	Ground
20	D0P	Positive MIPI differential data input
21	D0N	Negative MIPI differential data input
22	GND	Ground
23	D3P	Positive MIPI differential data input
24	D3N	Negative MIPI differential data input
25	GND	Ground
26	VDDI	I/O POWER SUPPLY
27	RES	LCM RESET PIN
28	GND	Ground
29	VDDI	I/O POWER SUPPLY
30-31	VDD	POWER SUPPLY
RESET voltage should be consistent with VDDI voltage, or there probably is black screen fault when power on.		