

P80600J104C_T01

10.4 Inches, 800xRGBx600, 65K Colors, UnicView LCM



● Display

Item	Parameter	Description
Color	65K (65536) colors	16 bit color 5R6G5B
Resolution	800*600	90° rotated display (600*800)
Backlight /Lifecycle/Brightness	LED/20,000 HOURS/ 250 cd/m ²	
Working Temperature	-20~+70°C/-30~+80°C	64 levels adjustment

● Voltage & Current

Item	Conditions	Min	Typ	Max	Unit
Power Voltage	-	-	12	-	V
Operation Current	VIN = 12V, Backlight on	-	400	-	mA
	VIN = 12V, Backlight off	-	170	-	mA
Recommend Power Input: 12V1A DC					

● Reliability Test

Item	Conditions	Min	Typ.	Max	Unit
Working Temperature	60%RH at 12V voltage	-20	25	70	°C
Storage Temperature	-	-30	25	85	°C
Working Humidity	25°C	10%	60%	90%	RH
Protective Paint	-	-	None	-	-
Aging Test	-	-	8	-	H

● Interface

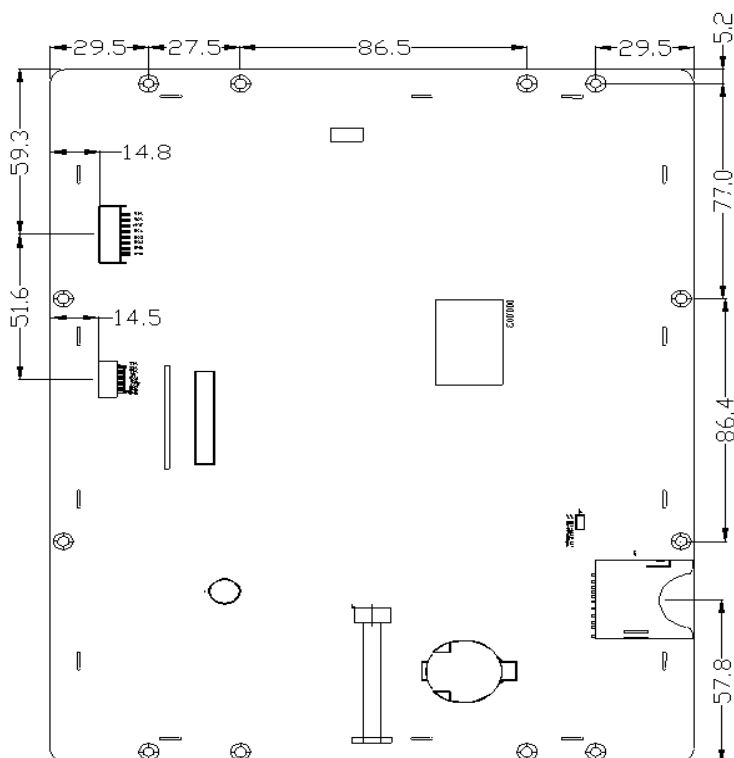
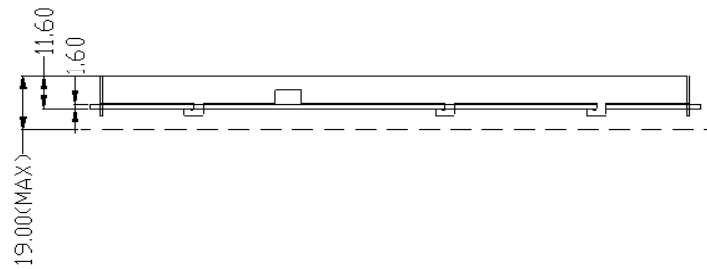
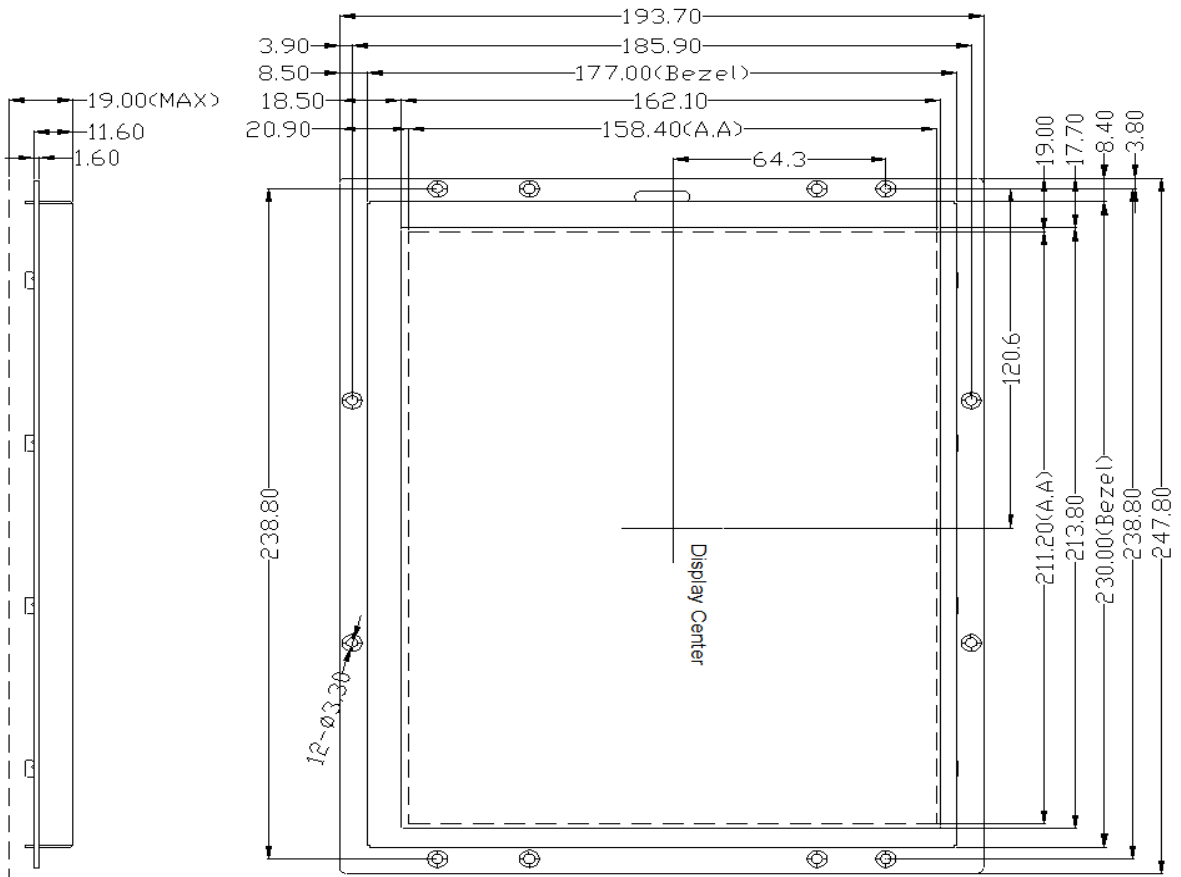
Item	Conditions	Min	Typ.	Max	Unit
Baud Rate	Standard	1200	115200	921600	bps
	User define	1200	-	921600	bps
Output Voltage (TXD, BUSY)	Output 1, Iout = 1mA	3.0	3.2	-	V
	Output 0, Iout = -1mA	-	0.1	0.2	V
Input Voltage (RXD, I/O0)	Input 1, Iin = 1mA	2.0	3.3	15.0	V
	Input 0, Iin = -1mA	-15.0	0.0	0.3	V
Interface	Mode is determined by Jumper6: ON = 8N1, 3.3V TTL/CMOS; OFF = 8N1, RS232				
Socket	HY2.0-8P/10Pin_1.0mm FFC				
USB	None				
SD slot	Yes (SD/SDHC, FAT32 file format)				

● Memory

Item	Parameter	Min	Typ.	Max	Unit
Flash	Space of Font	-	32	-	MB
	Picture Storage (128MB)	-	-	93	Pcs
	Picture Storage (256MB)	-	-	215	Pcs
	Picture Storage (1GB)	-	-	932	Pcs
	User's Storage	0	-	32	MB

● Peripherals

No.	Parameter	Description
1	Touch Screen	4-wire resistance touch screen: P80600J104C_T01 4-wire capacitive touch screen: P80600J104C_P01
2	Buzzer	YES
3	RTC	YES
4	Audio Play	YES
5	SD Card	YES



PACKAGE DIMENSIONS (UNIT: mm) GENERAL TOLERANCE: ±0.30

Pin Name	Pin Num.	Pin Num. 2	Pin Type	Remarks
VCC	1,2,3	1,2	P	POWER INPUT
BUSV	7	3	P	Buffer-Full Signal
DOUT	6	4	OUT	Serial Port Data Output
DIN	5	5,6	IN	Serial Port Data Input
GND	8,9,10	7,8	P	GND
NC	4	-	-	Not Defined