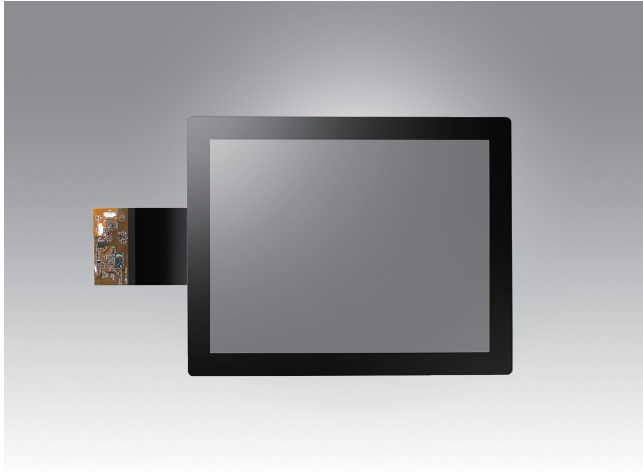


# IDK-1112P

## 12.1" XGA Industrial Display kit with PCT Touch Solution



### Features

- 12.1" IPS LCD supports 1024 x 768 pixels
- Brightness of 500 cd/m<sup>2</sup> with LED backlight
- Projected Capacitive touch solution
- High contrast ratio of 1000:1
- Wide view angle of 178°/178°
- LVDS signal interface
- Low power consumption 9.62 W (panel only)
- Touch controller included (USB)
- Anti Reflector surface treatment (optional)
- Optical bonding (optional)

### Introduction

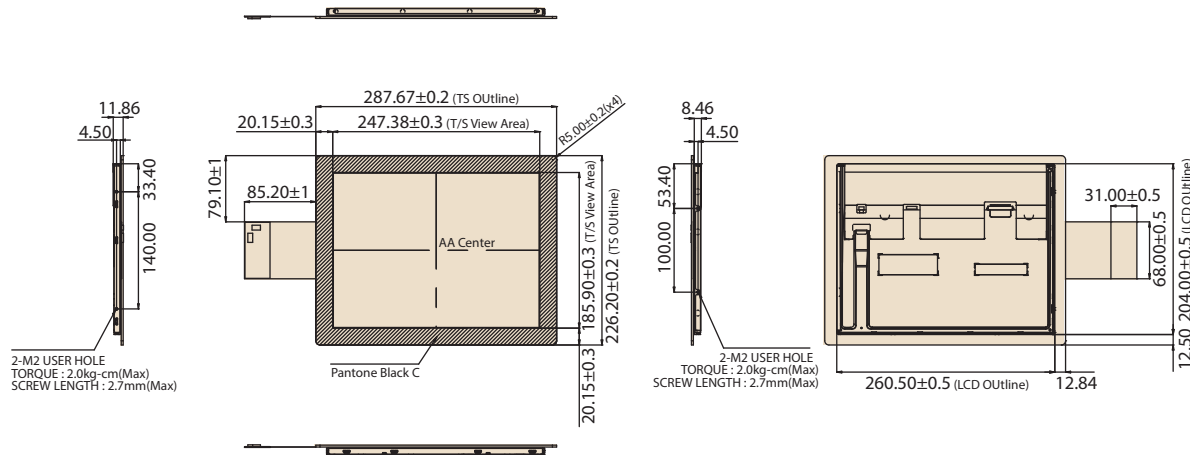
The Advantech IDK-1112P series comes with a 12.1" industrial grade IPS LCD display with Projected Capacitive touch. IDK-1112P series supports Projected Capacitive touch with low power consumption. IDK-1112P series is ideal for embedded applications which customers have maximum flexibility for mechanical design.

### Specifications

LCD Panel	Display Size	12.1", 4:3
	Resolution	1024 x 768
	Display mode	Normally Black (IPS)
	Viewing Angle (U/D/L/R)	178° / 178°
	Brightness	500 cd/m <sup>2</sup>
	Backlight Life (hrs)	30,000 min
	Contrast Ratio	1000 : 1
	Response Time	25 ms
	Colors	262k/16.7M
	LCD Input Voltage	3.3 V
	Power Consumption	9.62W (white pattern)
	Signal Interface	1 channel LVDS
	Weight	490 g
	Dimensions (W x H x D)	260.5 x 204 x 8.4mm
Touch Screen	Touch Type	Projected Capacitive
	Transparency	88 ± 2%
	Interface	USB
	Surface Treatment	Clear
Environment	Black Border	Yes
	Operating Temperature	-20 ~ 70° C
	Storage Temperature	-30 ~ 80° C

## Dimensions

Unit: mm



Note: Tolerances unless marked are ±0.5mm

## Ordering Information

Part No.	Size	LCD Brightness (cd/m <sup>2</sup> )	Interface	Touch screen	Touch Interface
IDK-1112P-50XGA1	12.1"	500	1 Channel LVDS	Projected Capacitive Touch	USB

## Packing List

Part Number	Description
1700024808-01	1 x 180cm USB Touch cable

Note: Package contents are subject to change without prior notice

## Optional Order

SBC Part No.	LVDS cable P/N	Display interface	B/L cable P/N	Touch interface	Touch power input
MIO-5272	96CB-L2040PCC4	18bit LVDS	96CB-E1005PCB3	USB	5 V
	96CB-L2040PCC5	24bit LVDS			
AIMB-270	96CB-L2040PCC4	18bit LVDS	96CB-E1005PCB3	USB	5 V
	96CB-L2040PCC5	24bit LVDS			

For more compatible embedded board solution, please visit our Build Your display web page as bellow  
<http://www.advantech.com/buildyourdisplay>