



TFT LCD Display Module




- Full color, up to 16.7 million colors
- HD for a clearer vision
- Highlight, visible in sunlight
- Interface, rich interface selection
- Viewing angle, IPS technology wide viewing angle




ESD 8KV




-40-85°C




Interface



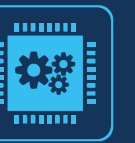
178°
IPS



BRT



resolution



Driver Chip

TFT standard display series basic functions	
size:	0.96~15.6寸(inch)
Brightness:	200~2000cd/m2
Temperature:	-40℃~85℃
TOUCH:	Capacitive screen PCAP, resistive screen RTP (optional)
Resolution:	128x128~1920x1200 dots
Interface:	MCU、SPI、RGB、LVDS、MIPI
Shape:	vertical screen, horizontal screen
Features:	Lightweight and cost-effective

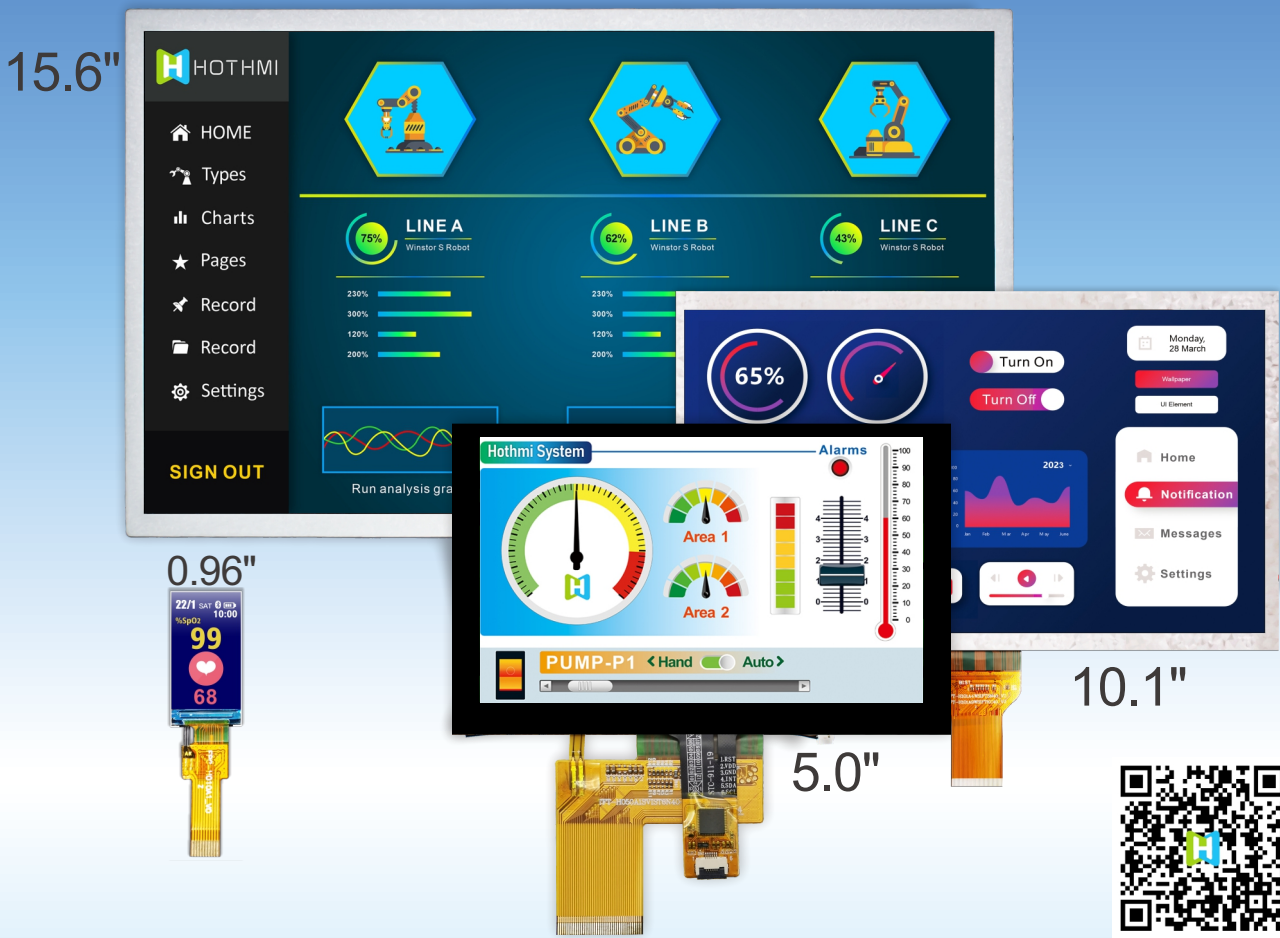
TFT display standard products | Full viewing angle | High brightness series

Full range: HOTDISPLAY can provide you with small and medium-sized standard TFT displays from 0.96 inches to 15.6 inches, with resolutions including QQVGA (128x128), QVGA (320 x 240), WQVGA (480x272), VGA (640x480), WVGA (800x480), WSVGA(1024x600), and -30℃ to +80℃, both available with resistive touch screen RTP or capacitive touch screen CTP.

Full viewing angle: With the wide application of human-machine interface, its display content has become increasingly rich and colorful, which has higher requirements for display clarity, viewing angle range width and operating temperature. However, the commonly used TFTs on the market have a viewing angle range of about 50° and an operating temperature of -20 to +70℃, which no longer meets user needs. Therefore, HOTDISPLAY focuses on launching a series of wide viewing angle TFT displays, which can reach a viewing angle of more than 80° in four directions, up, down, left, and right, almost close to full viewing angle high-definition perfect picture quality display. The operating temperature of most wide viewing angle TFT displays is also Increase to -30~+80℃.

High brightness: Based on the special requirements of customers' products for outdoor use, HOTDISPLAY's R&D team has successfully designed a series of ultra-high brightness backlights, making the TFT screen brightness reach or exceed 1000cd/m2, which is several times brighter than ordinary TFT displays. High-brightness TFT display series products can still display clearly under sunlight. High-brightness TFT displays are mainly used in outdoor equipment, handheld devices, etc.

TFT液晶显示模块-标准品



- 全彩，高达1670万色
- 高清，让视界更清晰
- 高亮，阳光下可见
- 接口，丰富的接口选择
- 视角，IPS技术宽广视角



防静电



高低温



接口



视角



高亮



分辨率



驱芯

TFT标准显示屏系列基本功能	
尺寸:	0.96~15.6寸(inch)
亮度:	200~2000cd/m2
温度:	-40℃~85℃
触控:	电容屏PCAP,电阻屏RTP(可选)
分辨率:	128x128~1920x1200 dots
接口:	MCU、SPI、RGB、LVDS、MIPI
外形:	横屏，竖屏
特点:	结构轻薄，性价比高

TFT显示屏标准品 | 全视角 | 高亮度系列

全系列：鑫洪泰HOTLCD可为您提供从0.96寸到15.6寸的中小尺寸标准TFT显示屏，分辨率包含QQVGA(128x128)、QVGA (320 x 240)、WQVGA (480x272)、VGA (640x480)、WVGA (800x480)、WSVGA(1024x600)、XGA (1024x768)、HD(1280x720)、WXGA(1280x800)等，接口有MCU8/16、SPI, RGB, TTL, LVDS、MIPI等，工作温度有-20℃ to +70℃和-30℃ to +80℃，均可选配电阻式触摸屏RTP或电容式触摸屏CTP。

全视角：随着人机界面的广泛应用，其显示内容也逐渐丰富多彩，对显示清晰度、视角范围宽度和工作温度都有了更高的要求。而市场上通用的TFT视角范围50°左右、工作温度-20~+70℃已不能满足用户需求。于是，鑫洪泰公司重点推出一系列宽视角TFT显示屏，上下左右四个方向均可达到80°以上的可视角度，几乎接近全视角的高清完美画质显示,大部分宽视角TFT显示屏工作温度也提升至-30~+80℃。

高亮度：鑫洪泰HOTLCD根据客户的产品户外使用等特殊要求，公司研发团队成功设计出一系列超高亮度的背光源，使得TFT屏幕亮度达到或超过1000cd/m2，亮度是普通TFT显示屏的几倍。高亮TFT显示屏系列产品在阳光下仍清晰显示。高亮TFT显示屏主要应用于户外装备、手持设备等。