

# NEW 1,8" IPS TFT LCD Module

Winstar introduced the new 1,8" portrait IPS TFT LCD Display with a resolution of 128x160 pixels, featuring an IPS panel that delivers consistent image quality across wide viewing angles. This module has a brightness of 600 cd/m<sup>2</sup> brightness and a 1500:1 contrast ratio. Has a LED lifetime of 50,000 hours. This display is best suitable for: handheld analyzers, industrial control systems, smart home devices, and compact instruments.

**Operating Temperature Range: -20°C to +70°C**

**Storage Temperature Range: -30°C to +80°C**

## WFN0180A2TOXASNN000

Item	Standard Value	Unit
Size	1,77	inch
Dot Matrix	128 × RGB × 160(TFT)	dots
Module Dimensions	34.0(W) × 45.83(H) × 3.11(D)	mm
Active Area	28.032 × 35.04	mm
Pixel Pitch	0.219 × 0.219	mm
LCD Type	TFT, Normally Black, Transmissive	
View Angle	80/80/80/80	
Aspect Ratio	Portrait	
TFT IC	NV3023B or Equivalent	
Interface	SPI	
Backlight Type	LED, Normally White	
Touch Panel	Without Touch Panel	
Surface	Anti-Glare	

