

NEW 2.4" and 2.8" TFT DISPLAYS

These compact TFT displays provide high-quality performance and now offer RGB interface for additional flexibility. From Standard TN to IPS display types, each LCD delivers a rich experience with full color and enhanced design features. They also maintain drop-in compatibility, making them a cost-effective upgrade or replacement for existing designs.

Engineered with selectable Parallel, SPI or RGB interface, these displays are ideal for a wide range of embedded systems and development boards. These new 2.4" and 2.8" TFT models require a low 3.0V supply voltage and are equipped with EMI shielding for improved signal integrity and noise reduction. They are designed with a 45-pin FFC to support compatibility with a range of interface modes and there are resistive touchscreen options for applications requiring touch functionality.

Whether you're developing medical equipment, consumer electronics, handheld measurement equipment, aviation control panels, compact HMI panels, or industrial applications, these displays are built for quick integration and long-term performance.

Notable Features:

- Each model with 3 selectable interfaces:
 - RGB (6/16/18-bit)
 - SPI (3/4-wire)
 - Parallel (8/9/16/18-bit)
- 2.4" and 2.8" screen sizes with 240x320 resolution
- Option with IPS technology and full viewing angles
- Compatible with 45-pin, 0.5mm pitch FFC connector
- 6:00 Optimal View on TN models
- Built-in EMI shielding
- 4-wire resistive touchscreen options
- Low power 3.0V
- Brightness up to 450 nits
- Built-in ILI9341V controller IC

Product Part Numbers

- > NHD-2.4-240320DB-CTXP
- > NHD-2.4-240320DA-CTXN
- > NHD-2.4-240320DA-CTXN-T
- > NHD-2.8-240320DA-CTXN
- > NHD-2.8-240320DA-CTXN-T

