



**Our Mission:**  
“Create a Colorful Life”

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# Press Release

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## **TIANMA NLT USA ANNOUNCES NEW LCD PROTOTYPE WITH HIGH COLOR RENDERING LED BACKLIGHT FOR REALISTIC COLOR DISPLAY**

**CHINO, CA, May 18, 2016** – [Tianma NLT USA](http://www.tianma.com) has announced a new prototype of a 17.0-inch diagonal TFT LCD developed by NLT Technologies, Ltd. with a high color rendering LED backlight.

Designed for industrial applications, the new prototype utilizes a high color rendering LED at the backlight that achieves 90% of NTSC, enabling the panel to display very vivid and realistic color images. This is ideal for displays used in applications such as gaming and POS that require high color accuracy, as well as broadcasting, printing and medical equipment where realistic color reproduction is essential.

Typically, displaying realistic colors as they are seen in their natural environment requires the highest quality, most expensive imaging technology. However, the new prototype achieves realistic color rendering by applying conventional techniques such as optimized design of the backlight system in addition to being equipped with high color rendering LEDs.

A prototype of the new LCD module will be exhibited at [Display Week 2016](http://www.displayweek.com), May 24-26, San Francisco, CA, in Booth 905. Samples will be available in June 2016, with mass production scheduled to start in 2017.

For more information, contact Tianma NLT USA, Inc., 13949 Central Ave., Chino, CA 91710. 909-590-5833. [info@tianma.com](mailto:info@tianma.com); [usa.tianma.com](http://usa.tianma.com)

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*This new 17-inch LCD prototype provides high color rendering.*

#### ■ Main specifications of 17.0-inch SXGA model

<b>Part number</b>	<b>NL128102AC26-01</b>
<b>Pixel</b>	1280 x 1024
<b>Luminance</b>	400 cd/m <sup>2</sup>
<b>Contrast ratio</b>	1000:1
<b>Viewing angle</b>	(H)160° / (V)160°
<b>Interface</b>	LVDS
<b>Operating temperature</b>	-20 ~ +70 °C
<b>Weight</b>	(1900) g
<b>Remarks</b>	Color gamut 90% Built-in LED driver

Values in the brackets are tentative.

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#### About Tianma NLT USA, Inc.

Tianma NLT USA has been established to be the leading provider of small to medium size display solutions to the Americas utilizing cutting edge technologies from Tianma Micro-electronics and NLT Technologies Ltd., coupled with the manufacturing resources of the

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Tianma Group. Applications include smartphones, tablet PCs, industrial and medical instrumentation, wearables, home automation, household appliances, office equipment, and automotive and rear seat entertainment devices, as well as test and measurement systems, instrumentation equipment, point-of-sale and ATM systems, gaming systems, global positioning systems, radio-frequency identification devices and barcode scanners.

Technologies include TFT, LTPS-TFT, Oxide-TFT, AM-OLED, flexible, transparent, 3D, PCAP and In-cell/On-cell integrated touch technology. With a network of best-in-class distributors and value-added partners, Tianma NLT USA provides complete display module solutions for a broad base of customers and applications. The range of display features offered includes ultra-high resolutions, wide temperature ranges, high contrast ratios, rich color gamut, backward compatibility, LED backlights, high bright and transfective viewing for use in diverse lighting environments.

*The content in this press release, including, but not limited to, product prices and specifications, is based on the information as of the date indicated on the document, but may be subject to change without prior notice.*

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