**Nextion 3.2" TFT 400X240 resistive touch screen display HMI LCD Display Module TFT Touch Panel for arduino TFT raspberry pi**

Description:

Nextion is a Seamless Human Machine Interface (HMI) solution that provides a control and visualisation interface between a human and a process, machine, application or appliance. It is the best solution to replace the traditional LCD and LED Nixie tube.

This solution includes hardware part - a series of TFT boards and software part - Nextion editor. Nextion TFT board uses only one serial port to do communicating. Let you get rid of the wiring trouble. We notice that most engineers spend much time in application development but get unpleasant results. In this situation, Nextion editor has mass components such as button, text, progress bar, slider, instrument panel etc. to enrich your interface design. And the drag-and-drop function ensures that you spend less time in programming, which will reduce your 99% development workloads. With the help of this WYSIWYG editor, GUI designing is a piece of cake.

It's easy to adapt Nextion family HMI to existing projects, you just need to provide it a UART.

NX4024T032 is a powerful 3.2'' HMI, which is member of Nextion family. Features include: a 3.2" TFT 400X240 resistive touch screen display, 4M Flash, 2KByte RAM, 65k colors.

Features:

400X240 Resolution

RGB 65K true to life colours

TFT Screen with integrated 4-wire Resistive Touch Panel

Easy 4 pin interface to any TTL Serial Host

4M Flash memory for User Application Code and Data

On board micro-SD card for firmware upgrade

Visual Area:95.04mm(L)×53.86mm(W)

Adjustable Brightness:0~230 nit, the interval of adjustment is 1%

5V85mA power conusmption