

5.0" Display Modules

Bring Your Product to Life... Fast...

Haidar's 5.0" display modules are fully integrated TFT display modules that allow customers to implement Graphical User Interface with Smartphones-like graphics and feel at record time to market. The module has a touch screen support and it can be programmed using our **Free** Visual GUI Builder "uiLAB".



SNT-N800480-50-xT Display Module

Module Components:

- SegeNT embedded GUI Board
- Carrier board with LED backlight driver and Audio amplifier
- 5.0" WVGA TFT LCD
- Capacitive Or Resistive Touch Screen

Features:

- Powered by SegeNT.
- Simple Serial (RS232 @ 3.3V) interface.
- Comes with Capacitive, Resistive or No touch screen.
- Mono Audio Output.
- 3.3VDC or 5.0VDC input voltage.
- Great for hand held devices.
- Suitable for battery operation.
- Quick and Flexible GUI design with uiLAB Software.
- 16Mbytes flash memory on board for GUI, Fonts and Bitmaps storage.
- Three Graphic Layers with Alpha blending and Transparency support.
- No missing Touch Events!
- Very Fast Graphics Rendering!

Get Started with a Starter Kit:

To get started with a 5.0" display module, order part number **STK-SNT-N800480-50-RT** (Resistive TP) or **STK-SNT-N800480-50-CT** (Capacitive TP). Each starter kit includes everything you need to start your GUI development fast and easy.

Please, visit our website www.HaidarTechnology.com or call (614) 389-3022 for more information or to place an order.

Product Specifications:

Product Part #	SNT-N800480-50-RT SNT-N800480-50-CT
Controller	SegeNT
LCD	NHD-5.0-800480EF-ATXL#-T NHD-5.0-800480EF-ATXL#-CTP
Resolution	800x480
Colors	65,536 or 16bpp
Touch Screen	4-wire Resistive TP Capacitive TP
Active Area	108X64.8 mm
Backlight	White LED
Brightness	350 cd/m2
Contrast Ratio	400
Top View Angle	50°
Bottom View Angle	70°
Left View Angle	70°
Right View Angle	70°
Operating Temp	-20° C to 70° C
Supply Voltage	3.3VDC or 5.0VDC
Supply Current	370mA Max
Interface Connector	16-pin 0.1" IDC
Interface	Serial RS232 @ 3.3V CMOS
Module Size	133(W) X 78(L) mm
RoHS	Yes