

8.4-inch NEC Display Module

This module make integration easy. Each unit comes with an LCD, controller board, backlight driver, and touch screen, integrated and ready to go. The module form factor is designed to ensure long-term product availability.

The 8.4-inch NEC unit features:

- Wide viewing angle TFT panel.
- Designed especially for medical and industrial equipment.
- Available with or without resistive touch.
- SD memory card slot for added flexibility.
- Incorporates NEC industrial panel designed for applications that demand long availability.
- Steel mounting bracket makes display easy to mount.
- Powered by the SLCD5 controller.
- High-brightness panel option available.

For panel specifications, controller and software reference manuals, and other resources visit the Reach Download Center (www.reachtech.com/support/downloads/).

Get Started with a Development Kit

To get started with a 8.4" development kit order product number 52-0102-01 which includes module, cables, sample images, sample code, power supply, and technical support.

Visit our, "How can I get stated?" webpage, call 510-770-1417, or email sales@reachtech.com for more information or to order.

Reach Technology, Inc. reserves the right to make changes in design or specification at any time and without notice.



8.4-inch NEC Display Module front view

Product Specifications

Product Part Number	51-0102-11
Reach Board Model	SLCD5
Display Manufacturer	NEC
Display Size and Type	8.4" TFT
Colors	65,536
Display Viewing Area (mm)	128.2 (H) x 170.9 (W)
Horizontal Viewing Angle (degrees)	160 (typ.)
Vertical Viewing Angle (degrees)	80 (Top) 60 (Bottom) (typ.)
Screen Resolution	640x480
Screen Type	VGA
Display Brightness (cd/m2)	360* (typ.), with touch
Touch Panel Type	Resistive
Operating Temperature	-20°C to 70°C
Storage Temperature	-30°C to 70°C
Supply Voltage	12VDC±10%
Power Requirement	900mA max.
Interface Connector	Molex 53261 series
Serial Interface	RS232 / 3.3V CMOS
Backlight Display	CCFL
Number of Serial Ports	2
USB Port	No
SD Card Slot	Yes
Microprocessor	200 MHz ARM (32 bit)
Flash Memory	4MB/11MB (SD card)
RoHS	Yes

*High brightness option available.