



DISPLAY KIT 12.1" WXGA FOR USE WITH COM BOARDS & KITS

MSC DIS-AM1280800-121-KIT SETPAC

Rev. 0.2, Aug 18, 2021

Product Sheet

PRODUCT OUTLINE

MSC DISPLAY KITS

The MSC Display Kits are ideal companions for the whole range of MSC Computer-On-Module (COM) carrier boards and Starterkits. They come in different popular sizes and resolutions, and immediately fit the LVDS and backlight outputs of the baseboards. The MSC Display Kits comprise a high-performance LCD panel and capacitive touch assembly, complete with PCAP touch controller and suitable cables for direct out-of-the-box experience with no installation hassles.

MSC DIS-AM1280800-121-KIT

This Display Kit was put together specifically for applications requiring medium-large displays at medium resolution. The kit features the SimplePlus platform consisting of a 12.1" WXGA (1280 x 800) LCD panel with optically-bonded PCAP (projected capacitive) touch panel and cover lens, held together in a stable metal frame. A dedicated 3-way display cable is provided as well as an FFC-to-USBmini adapter together with a suitable USBmini-to-USB cable for touch.

Specification Highlights

- 12.1 (16:9) inch active display area with WXGA (1280 by 800 pixel) resolution
- 16.7M colors (R, G, B 8 bit digital each)
- LCD Type: transmissive, normally black
- Pixel Pitch: 0.204 x 0.204 mm
- Brightness: 380cd/m²
- Display Interface: LVDS interface with J1L30 connector
- Backlight Interface: Suitable for all MSC COM carrier boards and Starterkits
- PCAP touch screen with USB touch controller
- Multi-finger touch, no need for calibration

Ordering Code

MSC DIS-AM1280800-121-KIT

Ordering Number: 78880