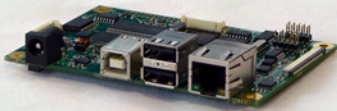
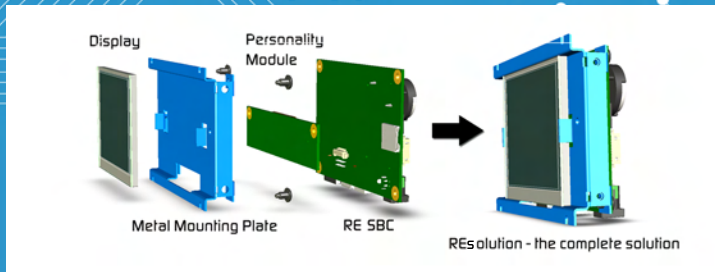


REsolution Display Kit DATA SHEET



The RE series of single board computers (SBC) has been designed to be used with the REsolution display kit, bringing together all the basic building blocks needed for a versatile embedded HMI module.

Simply select your display from our OTS range and its supporting personality module with display cable and mounting plate.

Alternatively, our LVDS option makes it easy to integrate an RE SBC with most generally available LCDs. RE1 supports resolutions up to 800 x 600 whereas the RE2 can handle 720p resolutions.

Display Options

There are a number of off the shelf display choices to select to use with the RE single board computer. Our standard Colour TFT VGA LCDs have an integrated power supply, LED backlights, backlight controls and an optional resistive touch screen.

Display	Resolution	Active Area mm	Brightness cd/m		Contrast Ratio		Personality Module PM	Mounting Plate	PN
			With TS	Without TS	With TS	Without TS			
3.5" LCD PN 1877 - 1089	320 x 240	70.08 x 52.56	450	500	250	250	PM1 3.5	Mount 3.5	PN 1072-1452
4.3" LCD PN 1877 - 1095	480 x 272	95.04 x 53.85	250	400	250	500	PM3 4.3	Mount 4.3	PN 1072-1470
5.7" LCD PN 1877 - 1091	320 x 250	115.20 x 86.40	350	500	600	800	PM1 5.7a	Mount 5.7	PN 1072-1454
5.7" LCD PN 1877 - 1104	640 x 480	115.20 x 86.40	350	500	500	520	PM1 5.7b	Mount 5.7	PN 1072-1455
7" LCD PN 1877-1097	800 x 480	152.40 x 91.44	350	500	500	520	PM3 7.0	Mount 7.0	PN 1072-1469

Personality Module PM

The Personality Module (PM) is a simple PCB interface between the RE SBC and your display of choice. Each display has its own specific build of the PM Module and associated cabling.

Mounting Plate

A simple metal mounting plate secures the SBC, PM and display into one fixed, slimline design component.

Single end terminated cable for general purpose LVDS display and touchscreen support - PM4 PN 1981-1245