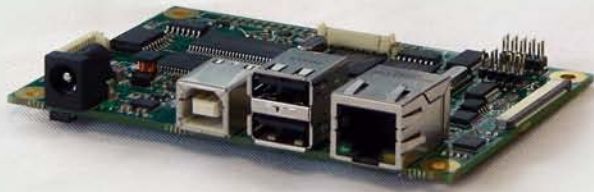
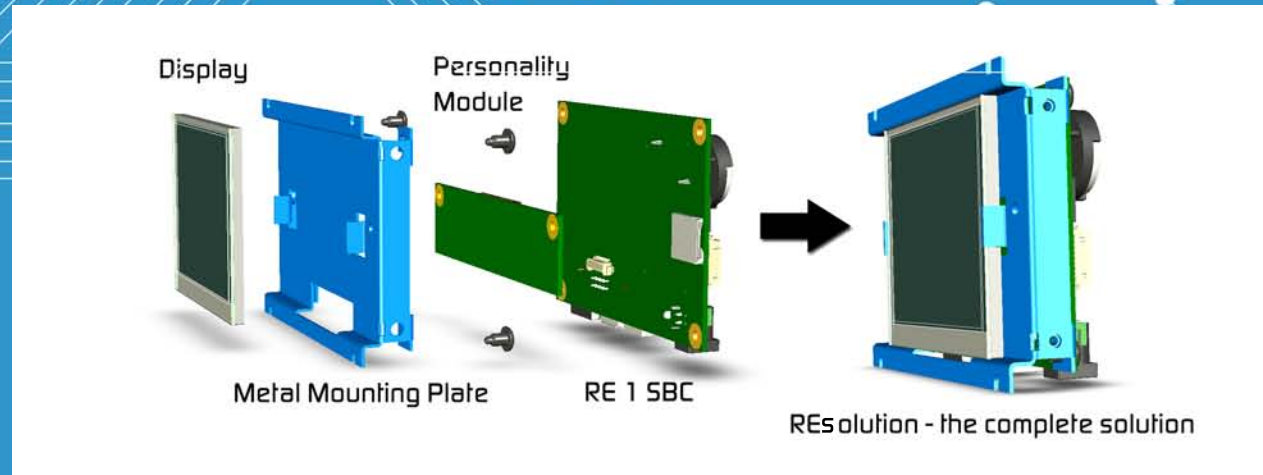


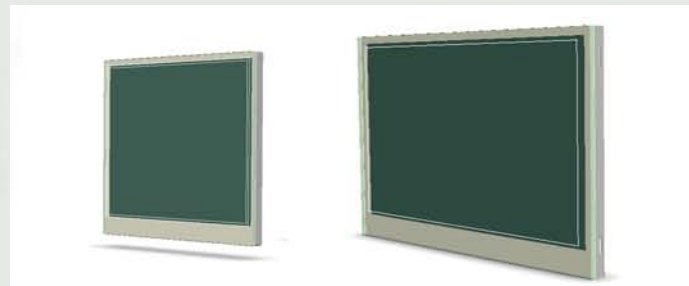
REsolution Display Kit DATA SHEET



The RE1 single board computer (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.

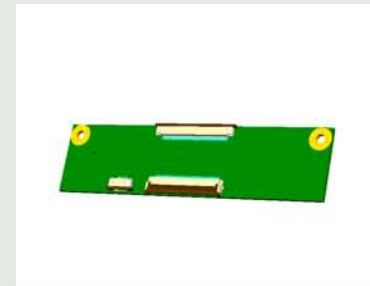
Alternatively Blue Chip can accommodate custom screen choices into the design - RE1 supports resolutions up to 800 x 600.



Display Options

There are a number of off the shelf display choices to select to use with the RE SBC. 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	Personality Module PN	Mounting Plate	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	PN 1981-1199	Mount 3.5	PN 1072-1452
4.3" LCD PN 1877 - 1090	480 x 272	95.04 x 53.85	320	500	250	500	PM1 4.3	PN 1981-1200	Mount 4.3	PN 1072-1453
5.7" LCD PN 1877 - 1091	320 x 250	115.20 x 86.40	350	500	600	800	PM1 5.7a	PN 1981-1201	Mount 5.7	PN 1072-1454
5.7" LCD PN 1877 - 1092	640 x 480	115.20 x 86.40	350	500	500	520	PM1 5.7b	PN 1981-1202	Mount 5.7	PN 1072-1455



Personality Module PM

The Personality Module (PM) is a simple PCB interface between the RE 1 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, PM1 and display into one fixed, slimline design component.