

18 off LCD screens

- type MTF0397SWI-03
- ILI9806G controller (Ilitek)
- 800 x 480 pixels
- 1,244,160 bytes graphics RAM
- 3.97 inch high (active screen size 89x56mm)
- 24/18/16 bit parallel interface
- optimised for RGB565 operation
- 24 bit colour internally (262k colours)
- 25.6v LED backlight @ 20mA
- 50P 0.5mm pitch FFC on long edge
- original price US\$16

20 off capacitive touch panels

- type TPO-S234-B5
- FT5216 controller (FocalTech)
- 5 point multitouch
- I2C interface with IRQ output
- 800 x 480 positions
- 3.97 inch high
- 6P 0.5mm pitch FFC

Pairs of the above (LCD + touch panel) NZ\$12

45 off LCD screens

- type KD040WVFB003
- ILI9806G controller (Ilitek)
- 800 x 480 pixels
- 1,244,160 bytes graphics RAM
- 3.97 inch high (active screen size 89x55mm)
- 8/16 bit parallel interface
- optimised for RGB565 operation
- 24 bit colour internally (65k colours)
- 12.8v backlight @ 40mA
- 50P 0.5mm pitch FFC on short edge
- original price US\$17

37 off capacitive touch panels

- type ET-KDC-160146-D
- GT911 controller (Goodix)
- 5 point multitouch
- I2C interface with IRQ output
- 800 x 480 positions
- 3.97 inch high
- 8P 0.5mm pitch FFC

Pairs of the above (LCD + touch panel) NZ\$15

All the above I have data sheets for (although the Goodix sheet is a google translate, its readable! and I can't find the FocalTech one at present).

I also have sample LCD code for STM32F4 processor which is loosely based on an Arduino project so could be ported back easily, and STM32 HAL code for the Goodix touch controller

ARM based PCs

Compulabs Utilite Standard

- Arm Cortex A9 powered desktop
- Freescale i.MX6 dual core SOC
- 2G RAM
- 8G micro-SD
- interfaces WIFI/USB/HDMI/Ethernet/S/PDIF/BT
- original price US\$159 available for NZ\$80

Compulabs Utilite 2

- Snapdragon 600 powered desktop
- not sure on RAM/SSD size
- original price US\$192 available for NZ\$90

LattePanda Windows 10 dev kit

- 2G RAM
- 32G eMMC
- acrylic case
- original price US\$200 available for NZ\$95

Solidrun Cubox i4P

- Freescale i.MX6 quad core
- 2G RAM
- not sure on mass storage
- original price \$US120 available for NZ\$60

Variscite SOM starter kit

- system on module
- 3 off dual core SOM plugins
- 1 off quad core SOM plugin
- interfaces WIFI/USB/HDMI/Ethernet/S/PDIF/BT
- original price \$US249 available for NZ\$120

Miscellaneous

4 off ESP-VROOM-32

- bare surface mount modules
- 2 AI thinker adapter PCB modules available
- original price US\$6 available for NZ\$3, 1st two get a free PCB adapter!