

Dear Partners:

Powertip is introducing P3 (**P**rice, **P**erformance, **P**owerful) display as a smart controller platform with integration of MCU, touch panel, display, and 20 pins GPIO controlling other facilities. The board can drive various display size (2.8"~10.1") and various resolution (QVGA~WSVGA).

Evaluation kit PP800480T002-ZHC 5" 800x480 display are well prepared. Featuring IPS panel with controller platform (STM32H523) which can drive the TFT directly without external RAM and Flash.

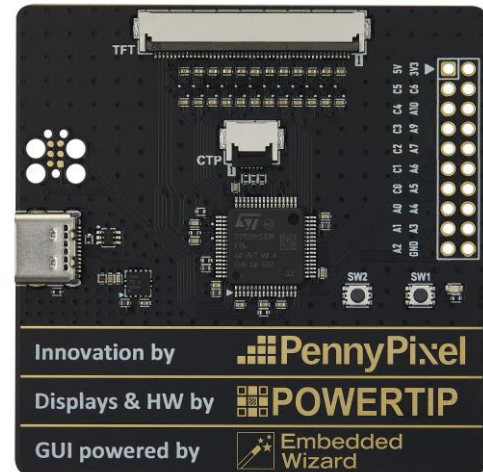
USB cable connects the P3 display to your PC, and starts building amazing user interface design with Embedded Wizard platform. <https://www.embedded-wizard.de/get-started/>

Preferrable application for payment system, portable industrial devices, transportation card reader, and home automation. <https://www.powertip.com.tw/index.php>

Please visit our website to learn more about our products or contact with your sales representative for pricing and more information.

■ 5" PP800480T002-ZHC

Item	Description
CPU(RISC Processor)	STM32H533RET6 ARM Cortex-M33
Display Resolution	800 * 3 (RGB) * 480 Dots
LCD type	Full Viewing Angle , Normally Black , Transmissive type
Screen size (inch)	5" inch
Interface	Parallel RGB (I/O) Multi-function 20 pins
Power Input	DC 5V
Drive IC	ILITEK----ILI2130
Operating Temp.	-20 ~ +70 deg. C
Storage Temp.	-30 ~ +80 deg. C
Brightness	850 cd/m2
Life time	50000 hrs (25deg.C, IF= 20mA)



■ Application:

- Payment System
- Portable Industrial Devices
- Transportation Card Reader
- Home Automation

