

ULTRA COMPACT PANEL PC WITH 4.3 " COLOR LCD & TOUCH SCREEN

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PPC-E4+ panel pc https://www.emacinc.com/sites/default/files/styles/large/public/field/image/ppc_e4%2B.png?itok=8WGNCsUx

EMAC, Inc. announces the PPC-E4+: an ultra compact Panel PC with a 4.3" WQVGA (480 x 272) TFT color LCD and 4 wire resistive touch screen. The dimensions of the PPC-E4+ are 4.8" by 3.0", about the same dimensions as that of popular touch cell phones.

The PPC-E4+ comes with either Windows CE 6.0 or EMAC's Embedded Linux distribution installed and fully configured on the onboard flash. Just apply power and watch the User Interface appear on the vivid color LCD. The PPC-E4+ compact Panel PC utilizes a System on Module (SoM) for the processing core. This allows the user to easily upgrade, if more memory capacity, storage capacity or processing power is required. The PPC-E4+ includes an embedded ARM 9 SoM; this ARM Single Board Computer features a 400Mhz Fanless Low Power Processor with video and touch. The SoM provided with the PPC-E4+ supports up to 256MB of SDRAM, up to 1GB of Flash, and up to 8MB of serial data flash. Typical power consumption is less than 5 Watts and the LED backlight can be shut off when not in use to further decrease its power consumption.

The PPC-E4+ has three RS-232 serial ports, and one RS232/422/485 port. Also provided are 1 SPI & 1 I2C port, 1 USB 2.0 (High Speed) Host port, 1 USB 2.0 (High Speed) OTG Port, Audio Beeper and a battery backed real time clock. 2 MicroSD flash card sockets provide for additional Flash storage. The PPC-E4+ can be connected to a network using the 10/100 Base-T Ethernet controller and its onboard RJ-45 connector.

When developing CE 6.0 application for the PPC-E4+, Microsoft Visual Studio 2005/2008 can be utilized. For Linux application development, EMAC provides a Free Eclipse IDE. Both Visual Studio and Eclipse provide everything the user needs for developing PPC-E4+ applications. All the compiling, linking, downloading, and debugging inherent to software development can be done from one easy to use high level interface. EMAC provides an SDK for the PPC-E4+, which contains source examples and drivers.

The PPC-E4+ starts at \$375.00 USD per unit.