

NEW PRODUCT PRESS RELEASE

Availability: NOW

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FOR IMMEDIATE RELEASE

PPC-E7-3354 is a Compact Low Power Consumption ARM Panel PC

Designed and manufactured in the USA, the PPC-E7-3354 is a compact, low power consumption ARM Panel PC with a 7 inch WVGA (800 x 480) color TFT LCD and resistive touch screen. The PPC-E7-3354 comes with EMAC's Embedded Linux distribution installed and fully configured on the onboard flash disk. This allows a software engineer to concentrate on writing applications without worrying about hardware configuration and setup. The PPC-E7-3354 utilizes a System on Module for the processing core. This allows the user to easily upgrade the core of the system, when more memory, storage or processing power is required.

The PPC-E7-3354 uses a 1GHz fanless embedded ARM Cortex-A8 System on Module with Video and Touch. The SoM provided with the PPC-E7-3354 supports up to 512MB of Embedded DDR3L SDRAM, 16MB of serial data flash, 4GB of embedded eMMC Flash, and a MicroSD card socket. Typical power consumption is 6 Watts and the LED backlight can be shut off to further decrease power consumption. The PPC-E7-3354 offers 1x 10/100 BaseT Ethernet, 4x serial ports, 3x USB 2.0 ports, 16x GPIO (3.3V) lines, I2S Audio port with stereo line-in/line-out, 1x I2C port, Timer/Counters & Pulse Width Modulation (PWM) ports and a battery backed real time clock. The Panel PC has a wide voltage input of 12-28V and is ready for a variety of installations. Optional Wi-Fi and Bluetooth can be added to the USB connections.

http://www.emacinc.com/products/system_on_module/PPC-E7-3354

Features

- Texas Instruments AM3354 1.0GHz ARM Cortex A8 based Processor
- 512MB DDR3L SDRAM
- 16MB serial data flash
- 4GB eMMC Flash,
- Micro-SD Flash Card Socket
- 16x GPIO (3.3V) lines
- 1x I2S Audio port with Stereo line in/out
- 1x 10/100 BaseT Ethernet port
- 4x serial ports, 1x CAN port
- 2x USB 2.0 high speed host ports, 1x USB 2.0 high speed OTG port
- 6x Timer/Counters & Pulse Width Modulation (PWM) ports
- Battery backed real time clock

1x I2C port
4x A/D channels with 10-bit A/D converter
7" WVGA (800 x 480) Resolution color TFT LCD
LED Backlight that is Software Controlled for On/Off & Brightness
Resistive Touch Screen Interface
Wide voltage power supply, 12-28V DC
Wi-Fi and Bluetooth (Optional)
EMAC OE Embedded Linux & Android Available

Please contact EMAC for OEM & Distributor Pricing. Quantity 1 pricing for the PPC-E7-3354 is \$550/ea.

About EMAC, Inc. – www.emacinc.com

EMAC is an acronym for Equipment Monitor and Control. Our company designs and manufactures embedded systems that include Single Board Computers, System on Modules (SoM), Carrier Boards, Industrial Panel PCs, Custom Solutions and Embedded Operating Systems.

EMAC, Inc. has over 31 years of experience selling commercial off the shelf and custom turnkey OEM embedded products that can integrate the newest technologies including: sensor data, Wi-Fi, Zigbee, Bluetooth LE, GPS, cell modems, audio & video streaming /capture, FPGA, RFID and more.

Our team is experienced with hardware & software design, GUI interfaces, remote login, real time solutions, Windows Embedded, DOS, Embedded Linux, custom hardware drivers, application development and support. Contact the EMAC Sales Team today at **618-529-4525** or info@emacinc.com and learn how *Our Products Make Your Products Better*®