

Sunlight Readable 7" Human Machine Interface - ARM Panel PC

Image not found

[PPC-E7-3354](https://www.emacinc.com/sites/default/files/styles/large/public/field/image/PPC-E7-3354.png?itok=m13ExR3I)

Designed and manufactured in the USA, the PPC-07-3354 is a 7 inch ARM Panel PC with a sunlight readable WVGA (800 x 480) color TFT LCD and resistive touch screen. An ideal Human Machine Interface that can be used to speed development in a variety of market applications. The PPC-07-3354 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-07-3354 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-07-3354 uses a 1GHz fanless embedded ARM Cortex-A8 System on Module with Video and Touch. The SoM provided with the PPC-07-3354 supports up to 512MB of Embedded SDRAM, Up to 16GB of embedded eMMC Flash, 16MB of serial data 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-07- 3354 offers three RS-232 serial ports, and one RS232/422/485 port. It includes two USB 2.0 host ports, a USB 2.0 OTG port, I2S audio port with stereo line-in/line-out, RJ45 for wired Ethernet 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 Wifi and Bluetooth can be added to the USB connections.

Additional Details: http://www.emacinc.com/products/panel_pcs_and_lcds/PPC-07-3354

APPLICATION AREAS

Industrial Control, Industrial Automation, Data Acquisition, Test & Measurement, Human Machine Interface (HMI)

AVAILABILITY

Now

Source URL: <https://www.emacinc.com/news/sunlight-readable-7-human-machine-interface-arm-panel-pc>