

Dear Partners:

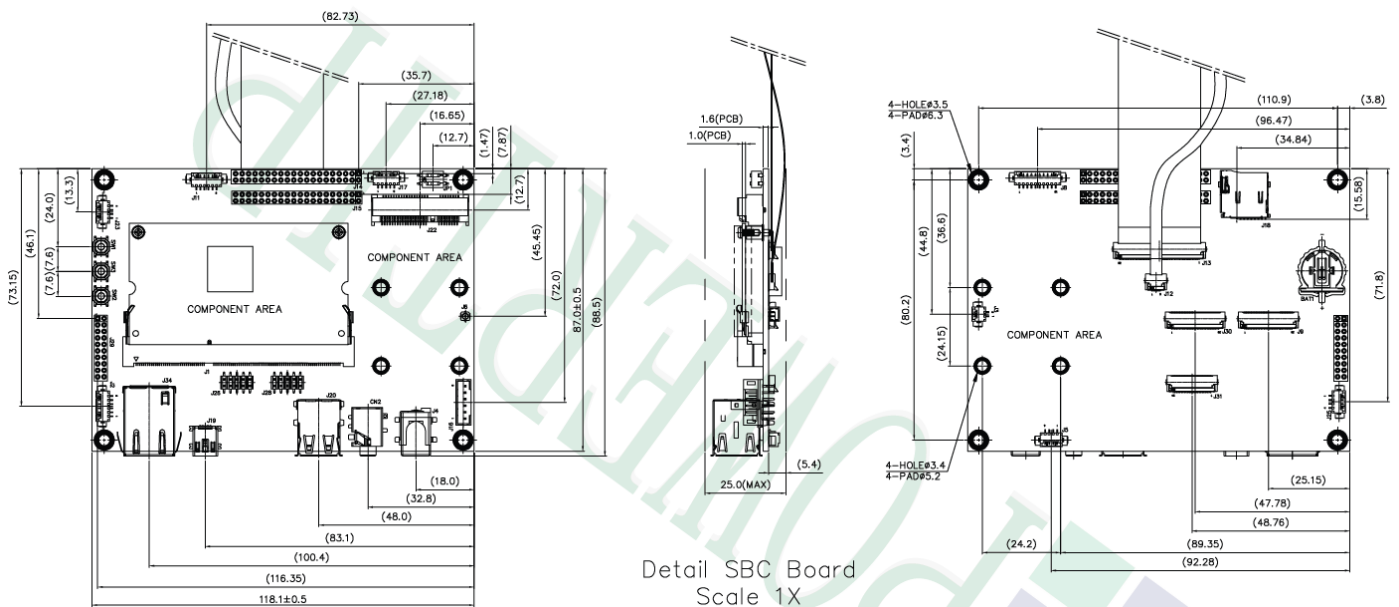
Enhancing your device with embedded solution for your outdoor application. Powertip MPU HMI solutions including display, electronics, and PCAP touch screens as a total solution to improve functionality and user experience.

7" HMI model HRA800480T013IHC09, 7" 800480 resolution TFT display with PX30 SOM with carrier board, a MPU controller board, helps customers to shorten the developing schedule and to drive customer's products to the market faster. The carrier board can be customized, and different size displays with custom design requested are also available.

■ 7" HRA800480T013IHC09

Item	Description	
Display	PH800480T013-IHC09	800*480 resolution, capacitive touch panel.
CPU	RISC Processor	PX30 Quad-Core ARM Cortex-A35
Memory	On Board RAM	2GB DDR3L SDRAM
	On Board ROM	8GB eMMC Flash
	External Storage	1 x Micro SD (max. 32G)
Display	Resolution	800 × 480 (RGB) DOTS
	LCD Type	a-Si TFT , Normally white , Transmissive type
	Touch type	Projective Capacitive Touch Panel
	Interface	24 Bits RGB interface
I/O	USB	1 × USB OTG 2 × USB1.1/2.0 Compliant Host
	Ethernet	10/100 Mbps
	Analog Audio	1 × Output 1 × Input
	Wi-Fi	IEEE 802.11 a/b/g/n/ac
	Bluetooth	4.2
	Display	1 × RGB
	Serial	6 × UART (One for Debug Used) / 3 × I2C 1 × SPI
Power Input	DC	9V ~ 24V

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- Application:
- Industrial machine
 - Healthcare
 - EV charger
 - Vending machine

