



Features

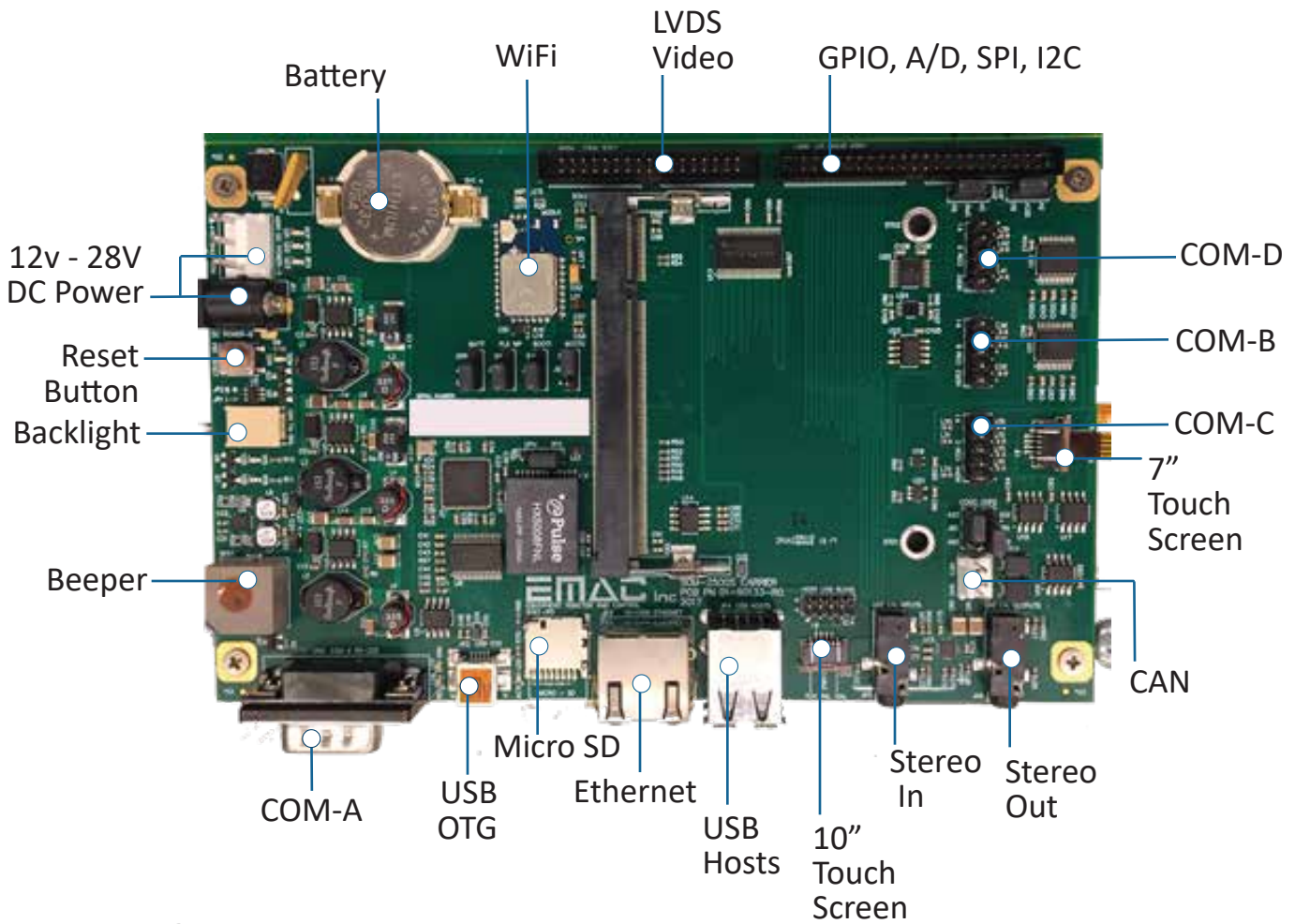
- TI AM3354 ARM Cortex A8 Low Power 1 GHz
- 512MB DDR2 SDRAM
- 4GB eMMC Flash, 16MB Serial Data Flash
- 1x 10/100 BaseT Ethernet
- 16x GPIO, 1x SPI, 1x I2S, 1x I2C, 1x CAN, PWM
- 3x USB 2.0 Ports
- 4x Serial Ports
- WSVGA Resolution LCD with LED Backlight
- 4-Wire Resistive Touch Screen
- Inexpensive Open-Frame Design
- WiFi 802.11 b/g/n



Specifications

Processor	TI AM3354 ARM Cortex A8 Fanless Low Power 1 GHz
Memory	512MB DDR2 SDRAM 4GB eMMC Flash MicroSD Flash Card Socket
I/O	16x General Purpose I/O 1x I2S Audio Port with Line-In/Line-Out 1x 10/100 BaseT Ethernet with onboard PHY 2x USB 2.0 High Speed Host Port 1x USB 2.0 High Speed OTG Port 3x RS232 & 1x RS232/422/485 Port CAN 2.0B Controller Battery backed Real Time Clock Timer/Counters and Pulse Width Modulation (PWM) 1x SPI with chip selects 1x I2C Port
Video	WSVGA (1024x600) Resolution with LED Backlight (460 Nits) Graphic LCD Interface with Touch Screen Software Controlled Backlight On/Off & Brightness
Analog	4x A/D Channels with 12-bit A/D Converter - 4 Channels are utilized for the 4-wire resistive touchscreen interface
Wireless	WiFi 802.11 b/g/n
Bus Expansion	ARM Cortex A8
OS	EMAC OE Embedded Linux, Android Available
Dimensions	5.76" x 10.25" (146mm x 260mm)
Power Req.	12V (+12 to +28 V DC) Typical Running Current Consumption 7W
Environment	0° to + 50° C *Note: Temperature limited by LCD





Ordering Information

PRODUCT #	CPU	MEMORY	SERIAL	GPIO	USB	VIDEO	CONNECTIVITY	TEMPERATURE
PPC-10-3354-1R	TI AM3354 ARM Cortex A8 Fanless Low Power 1 GHz	512MB DDR2 SDRAM 4GB eMMC Flash 16MB Serial Data Flash	4x	16x	2x USB Host 1x USB OTG	WSVGA (1024x600) LCD Interface with Touch Screen	10/100 BaseT Ethernet PHY WiFi 802.11 b/g/n	0° to +50° C

Optional Accessories

PRODUCT #	POWER SUPPLY
PER-PWR-00035	12V @ 2.1A Wall Power Supply (110 V @ 60 HZ US)
PER-PWR-00075	12V @ 2.1A, 90-264V @ 47-63Hz input, Universal power prongs for worldwide use, 2.1mm Barrel
PER-PWR-00090	12V @ 2.5A Desktop Power Supply, standard IEC 320-C14 input connector, 2.1mm barrel jack output
PER-MIS-00050	2.4GHz & 5GHz WiFi Antenna with 10 cm cable, IPEX connector, adhesive antenna.

PRODUCT #	CABLES
CAB-40-004	DUAL USB Bracket w/6\"/>