



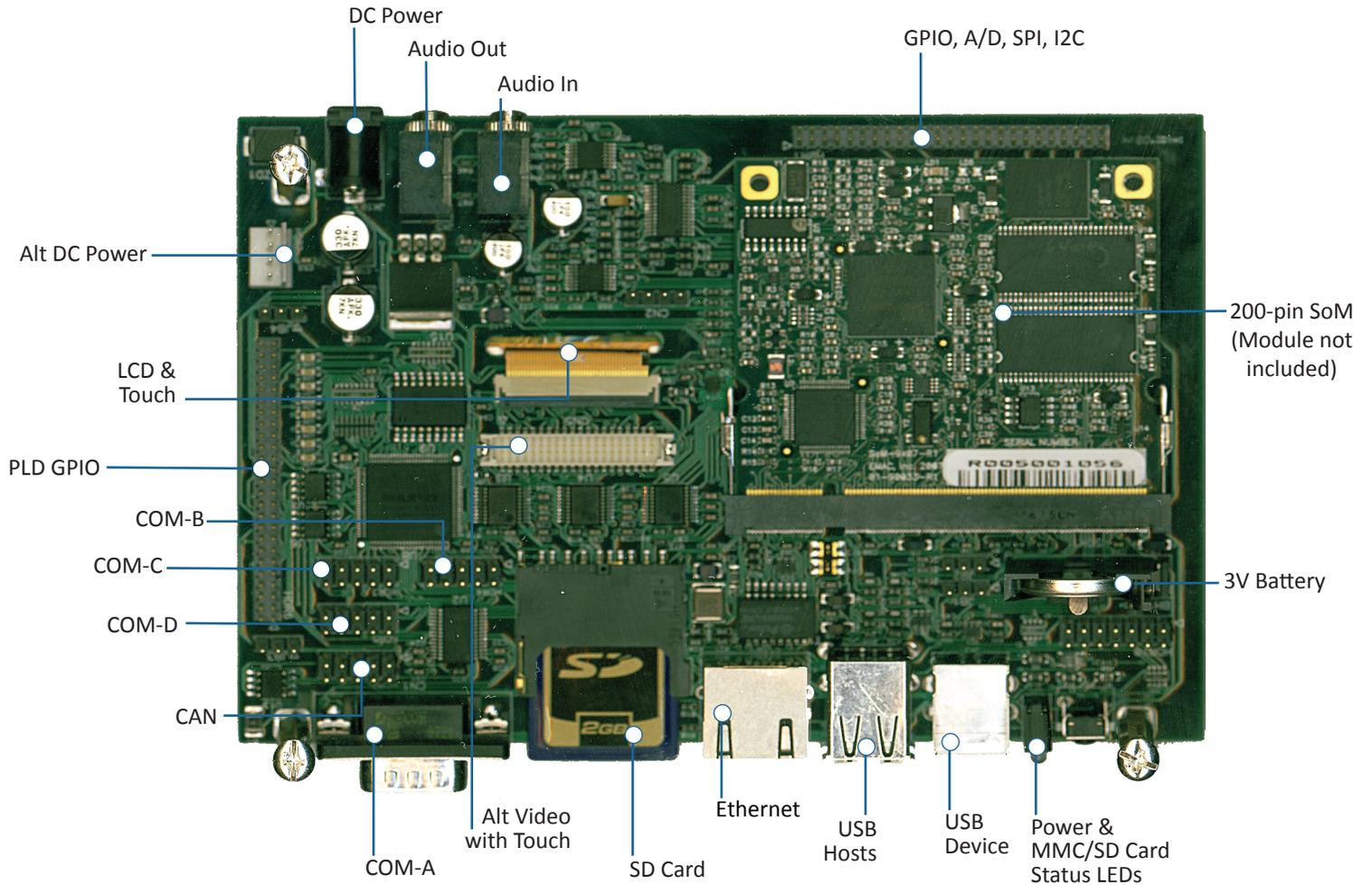
## Features

- 4x Serial Ports (3x RS232 & 1x RS232/422/485)
- 1x 10/100 Base-T Ethernet
- 1x SD Flash Card Socket
- 2x USB 2.0 Host Ports & 1x USB Device Port
- I2S Audio, 1x I2C, 1x SPI, 1x CAN
- Up to 56x I/O Lines



## Specifications

Compatibility	EMAC 200-pin SODIMM socket
Memory	1x SD Flash Card Sockets
I/O	24x GPIO Lines, 32 SOM Specific I/O Lines
	1x I2S Audio Line In/Out Port
	1x 10/100 Base-T Ethernet with RJ45 Jack
	2x USB 2.0 Host Ports
	1x USB 2.0 Device Port
	4x Serial Ports (3x RS232 & 1x RS232/422/485)
	1x CAN 2.0 Port
	1x SPI (3 chip selects)
	Reset Button
	Battery for nonvolatile RAM and Real Time Clock
Analog	Power and MMC/SD card status LEDs
	1x I2C Port
Video	4x A/D Channels
Video	1x 4.3" Graphic LCD interface for TFT WQVGA LCD (480x272)
	1x 4-wire Resistive Touch Screen Interface
	Backlight Brightness Control
Dimensions	1x 44-pin Dual Row 2mm Auxiliary Video/Touch Connector
Power Req.	4.375" x 6.0" (111.13 x 152.40mm)
Environment	5V DC
	Typical Running Current Consumption 800mA
	0° to 60°C Operating Temperature [-40° to +85°C optional]
	90% Upper Operating Humidity



\*System on Module (SoM) - Module not included

## Carrier Board Options

PRODUCT #	DESCRIPTION
SoM-200ES-000	Standard Carrier Board with 4x serial ports, CAN, PLD, LCD/w Touch
SoM-200ES-001	Deluxe Carrier Board includes Audio in addition to Standard Options
SoM-200ES-007	Bare-Bones Carrier Board include Standard Options with the exception of PLD & LCD