

# Alta-100: Micro Single Board Computer

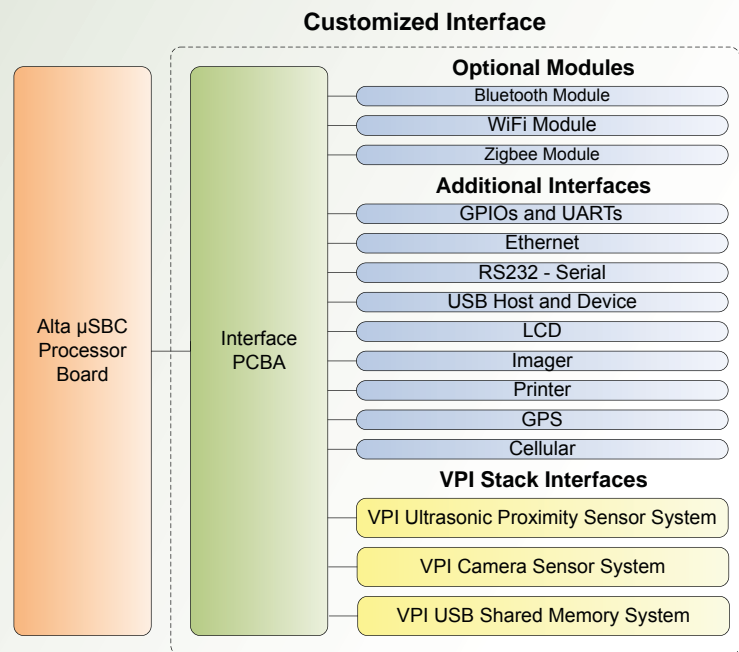
## Features

The Alta-100 Micro Single Board Computer by VPI Embedded can be easily and rapidly integrated with other electronic designs to provide significant processing capability with low unit costs. Features include:

- Au12XX processor family
  - 500 MHz (Au1200), 400 MHz (Au1210), 600MHz (Au1250)
- Flash: Standard 16MB (16MB - 256 MB)
- DDR2 SDRAM: Standard 64MB (64MB - 256MB)
- Internal Power Regulators
- Support for External Interfaces
  - WiFi, Bluetooth, Zigbee
  - RS-232, Ethernet, USB 2.0 (On-the-go)
  - LCD, Printer, Imager, IrDA Modules
  - SD Card

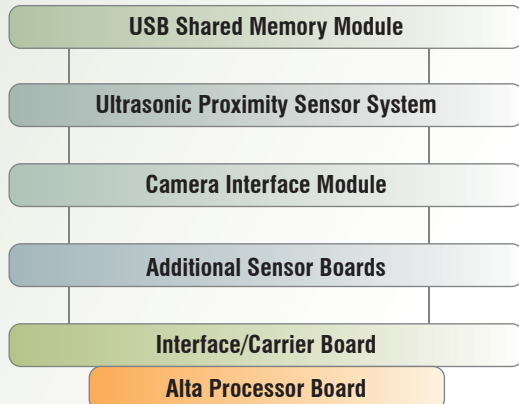


## System Diagram



## VPI Embedded Processor Stack

The Alta-100 Micro Single Board Computer is the basis of the VPI Embedded Processor Stack.



## Applications

The Alta-100  $\mu$ SBC has applications in many areas including:

- Industrial Products
- Commercial Products
- Military
- Aerospace
- Unmanned and manned vehicles
- Industrial automation

## Compatible OS

- Linux
- Windows CE

## Compatible Hardware

- USB 2.0 Devices
- Networked Devices
- RS232 Devices
- PC/104 Bus

## Bus Topology Interfaces

The Alta-100 system can be easily integrated into many different bus topologies through a separate interface module, including PC/104, PC/104-Plus, ISA, PCI, and Compact-PCI.

## Contact Information

**VPI Embedded**  
 11814 S. Election Road, Suite 200  
 Draper, UT 84020  
 801-495-2310  
[www.vpiembedded.com](http://www.vpiembedded.com)  
[info@vpiembedded.com](mailto:info@vpiembedded.com)