

- TI Sitara Cortex-A8 AM335X 1GHz high for industrial processor platform.
- Onboard DD3L 512MB Memory and 1GB SLC Nand Flash.
- Support 2x Gigabit Ethernet ports and 1x Mini PCIe socket, onboard WiFi/BT Module.
- Supports 18-bit LVDS with up to 1366 x 768 resolution.
- Support 6x USB, RS232/RS485, CAN, GPIO, TF Card slot.
- Support Linux3.2.

Introduction

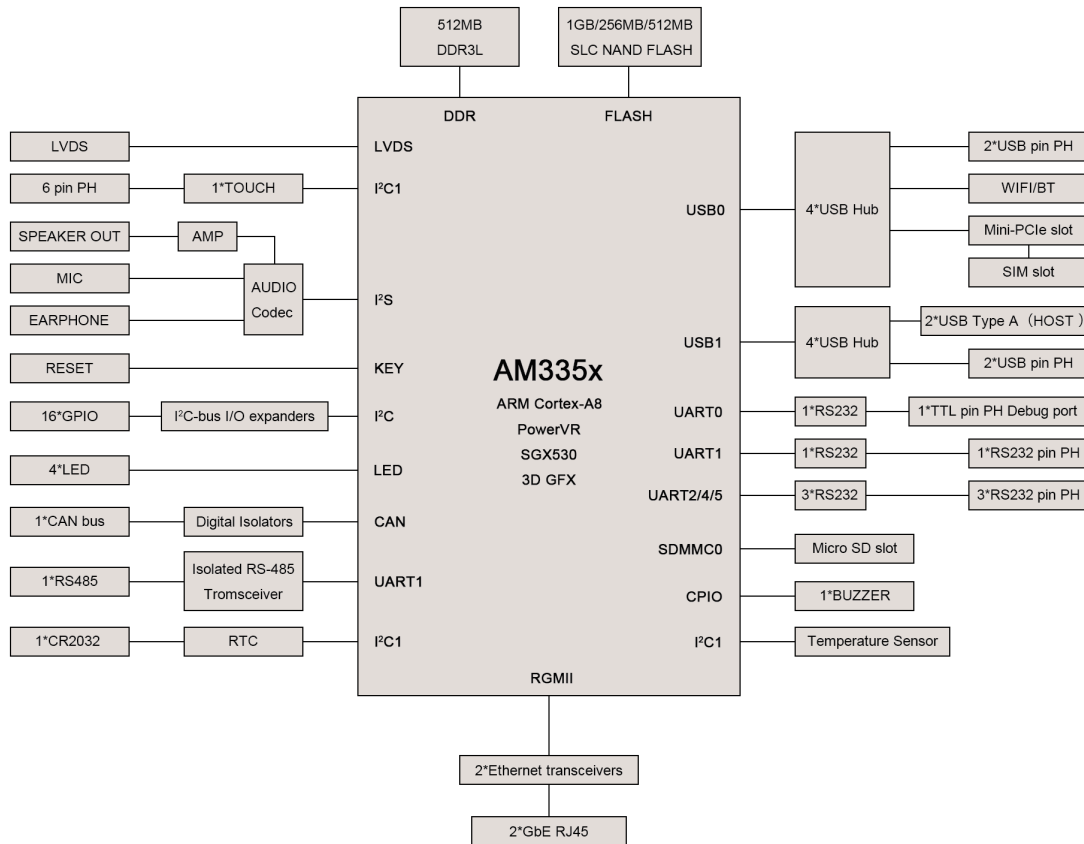
DJ-AM335X is a 3.5-inch ARM Single Board Computer (SBC) based on TI Sitara Cortex-A8 processor, frequency up to 1GHz, this board features a high level of integration, low power consumption and high performance. The rich application interfaces can meet the requirements of the target system fully, which can be widely used in the field of embedded device, smart terminal, industrial control, power system, data acquisition, machine vision, industrial IOT, mobile internet devices and many more.

Specifications

Module No	DJ-AM335X
GPU	TI Sitara AM335X Cortex-A8, frequency up to 1GHz
Memory	Onboard 512GB DDR3L
Storage	Onboard 1GB SLC Nand Flash
TF Card Slot	1x TF Card Slot, support 2GB/4GB/8GB/16GB/32GB
LVDS	1x LVDS, support 18-bit LVDS with up to 1366 x 768 resolution (default 800 x 600) 1x I2C for touch screen, 6Pin header
Ethernet	2x RJ45 LAN, 10/100/1000Mbps Onboard Wi-Fi/BT Module, support 802.11 b/g/n and BT4.0 1x Mini-PCIe slot with SIM Card Slot for 3G/4G Module
USB	2x RJ45 LAN, 10/100/1000Mbps Onboard Wi-Fi/BT Module, support 802.11 b/g/n and BT4.0 1x Mini-PCIe slot with SIM Card Slot for 3G/4G Module
UART	3x 4-wire RS232 for USER port via Pin header 1x 4-wire RS32 for Debug port via Pin header 1x 4-wire TTL/RS232, time-multiplexed with RS485, 4Pin header
RS485	1x RS485, time-multiplexed with UART1, 2Pin green carrier
CAN Bus	1x CAN bus interface, 2Pin green carrier

Audio	1x Headphone holder (3.5mm, stereo) 1x MIC In, 2Pin header 1x Speaker Output, 4Pin header With power amplifier circuit, support left and right channel output, built-in 8Ω/2W power amplifier
I/O	16x GPIO, 16Pin header 1x Reset Button 2x Status LED for red and blue
RTC	Support
Sleep/Wake up	Support
Power Supply	DC-in 12V, 1x DC-in Slot, 1x 4Pin header
Temperature	Operating Temperature: -20C° - 60C° Humidity: 5%~95%RH, no condensation Storage Temperature: -40C° - 85C° Humidity: 5%~95%RH, no condensation
Dimensions (W x D)	146 x 102mm
OS	Linux3.2

Block Diagram



Size&Interface

