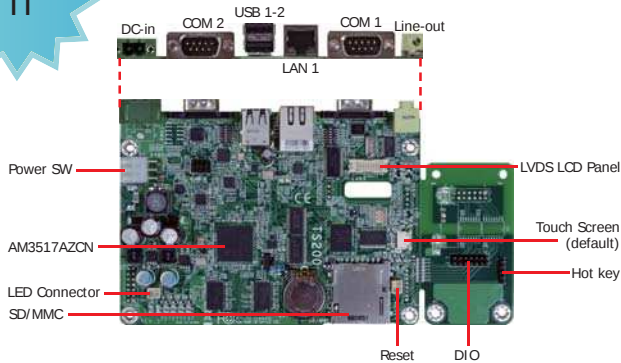


DFI[®] TS200-B Proprietary Board

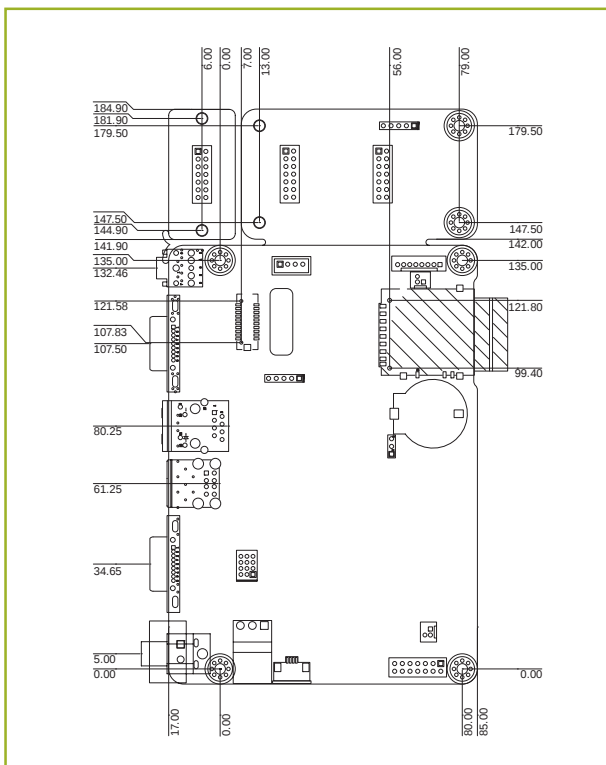
TI



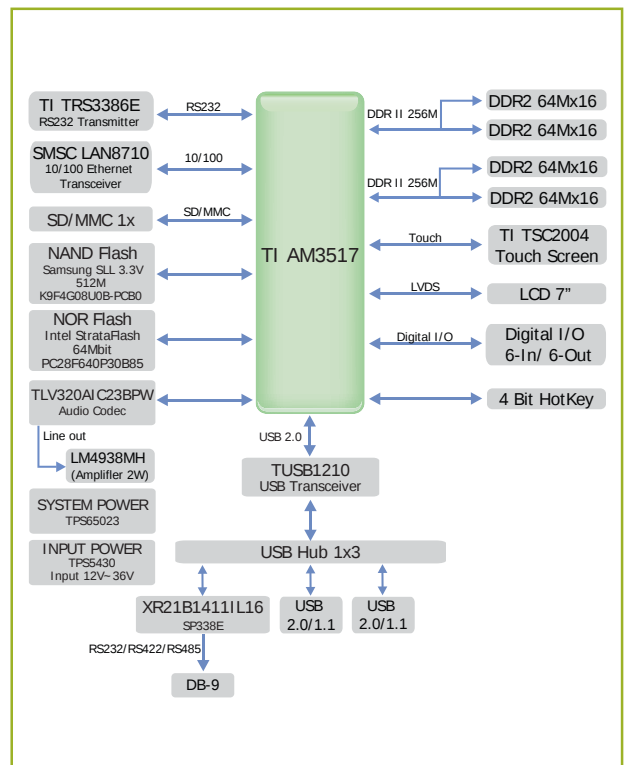
Features

CPU	TI [®] AM3517
MEMORY	512MB onboard
DISPLAY OUTPUTS	1 LVDS
LAN	1 Gigabit LAN port
COM	2 COM
USB	2 USB 2.0
STORAGE	512MB NAND Flash 1 SD/ MMC
DIO	12-bit DIO

Mechanical Drawing



Block Diagram



TS200-B Proprietary Board



Specifications

PROCESSOR

- AM3517 ARM Cortex-A8
- 600MHz RISC frequency

SYSTEM MEMORY

- 512MB onboard
- 4 DDR2 64Mx 16 RAM

STORAGE

- 512MB NAND Flash
- Samsung K9F4G08U0D flash memory 512Mx8bit (512MB)

TOUCH SCREEN

- TI TSC2004 touch screen controller
- 1 touch screen port

USB 2.0

- 1 USB1210 USB transceivers
- 2 Type A USB 2.0/1.1 ports

COM

- 1 DB-9 for external RS232/422/485 port
- 1 DB-9 for external RS232 port

ETHERNET

- LAN8710 LAN chip
- 1 LAN port
- Supports 10BASE-T and 100BASE-T

AUDIO

- TI TLV320AIC23BPW audio codec
- 1 Line-out port

DIGITAL I / O

- 12-bit DIO (6-in and 6-out)

REAR PANEL I / O PORTS

- 1 touch screen port
- 1 SD/MMC card socket

FRONT PANEL I / O PORTS

- 1 DC-in jack
- 2 DB-9 COM ports
- 2 Type A USB 2.0/1.1 ports
- 1 LAN port
- 1 Line-out jack

I / O CONNECTORS

- 1 18-bit LVDS connector
- 1 12-bit DIO connector
- 1 2W amplifier line-out connector
- 1 external switch connector
- 1 hot key connector (Android OS only)
- 1 external LED connector
- 1 external Reset connector

POWER SUPPLY

- DC-in, DC 12-30V

TEMPERATURE

- 0°C to 60°C

HUMIDITY

- 10% to 90%

DIMENSIONS

- 190mm (7.48") x 102mm (4")

Packing List

- 1 TS200-B motherboard
- 1 QR (Quick Reference)
- 1 DVD