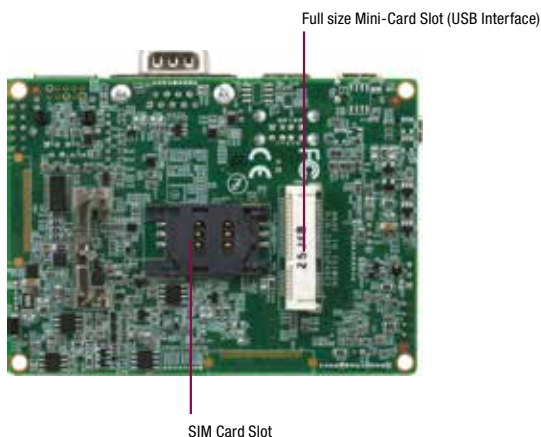
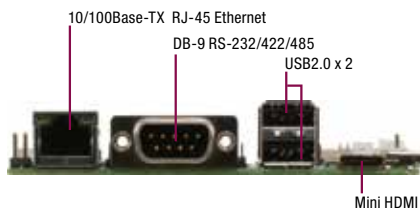
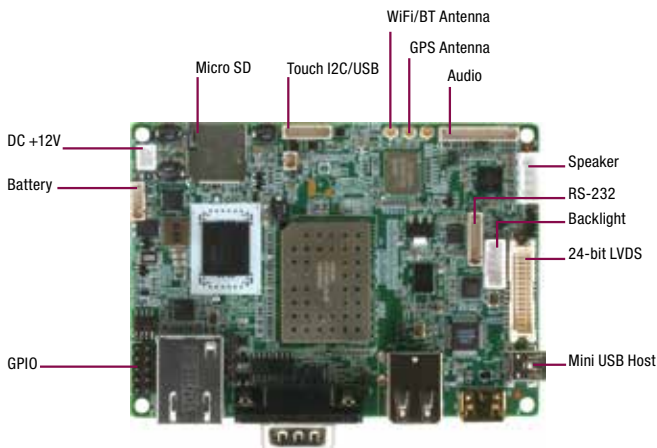


RICO-1460

2.5" RISC CPU Board With Ti OMAP 4460 Processor



Features

- Ti OMAP 4460 1.2 GHz Processor
- Onboard 4 GB NAND Flash and Micro SD
- Onboard 1 GB LPDDR2 RAM
- Display Interface HDMI 1080P, LCD 18/24-bit Single/ Dual Channel LVDS
- Wireless Connectivity 802.11 b/g/n, BT4.0, GPS
- Ethernet RJ-45, 100/100 Base-TX x 1
- Mini USB 2.0 Host x 1, USB 2.0 x 2, COM x 2
- Mini HDMI
- OS Support Android 4.0
- DC 12V Input, Less than 2 Watt Power Consumption



Specifications

System	
Form Factor	2.5" Board
Processor	Ti OMAP 4460 1.2 GHz Processor
System Memory	Onboard LPDDR2 1 GB RAM
Graphic	2D/3D Hardware Accelerated
Display	HDMI 1.3 support 1080 HD
Ethernet	MICREL, KSZ8851SNL
Wireless	WiFi 802.11 b/g/n Support WiFi Direct
Audio	Audio Chipset Ti TWL6041
Storage	Micro SD Card
Expansion	Mini-Card x 1
Power	Power Manager TWL6032
Power Requirement	+12V
Board Size	3.94" x 2.83" (100mm x 72mm)
Operation Temperature	-4 °F ~ 140 °F (-20 °C ~ 60 °C)
Storage Temperature	-22 °F ~ 176 °F (-30 °C ~ 80 °C)
Operation Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	—
Display	Supports LCD & HDMI
Resolution	Up to 1920 x 1080 18/24-bit Single/Dual Channel LVDS
LCD	LVDS TFT LCD
HDMI Interface	Mini HDMI
I/O	
Storage	Micro SD Card
Serial Port	COM (RS-232/422/485) x 1, COM (RS-232) x 1
Display Port	Mini HDMI x 1
USB	USB 2.0 x 2, Mini USB 2.0 OTG x 1
Lan Port	RJ-45, 10/100 Base-TX Ethernet x 1

Packing List

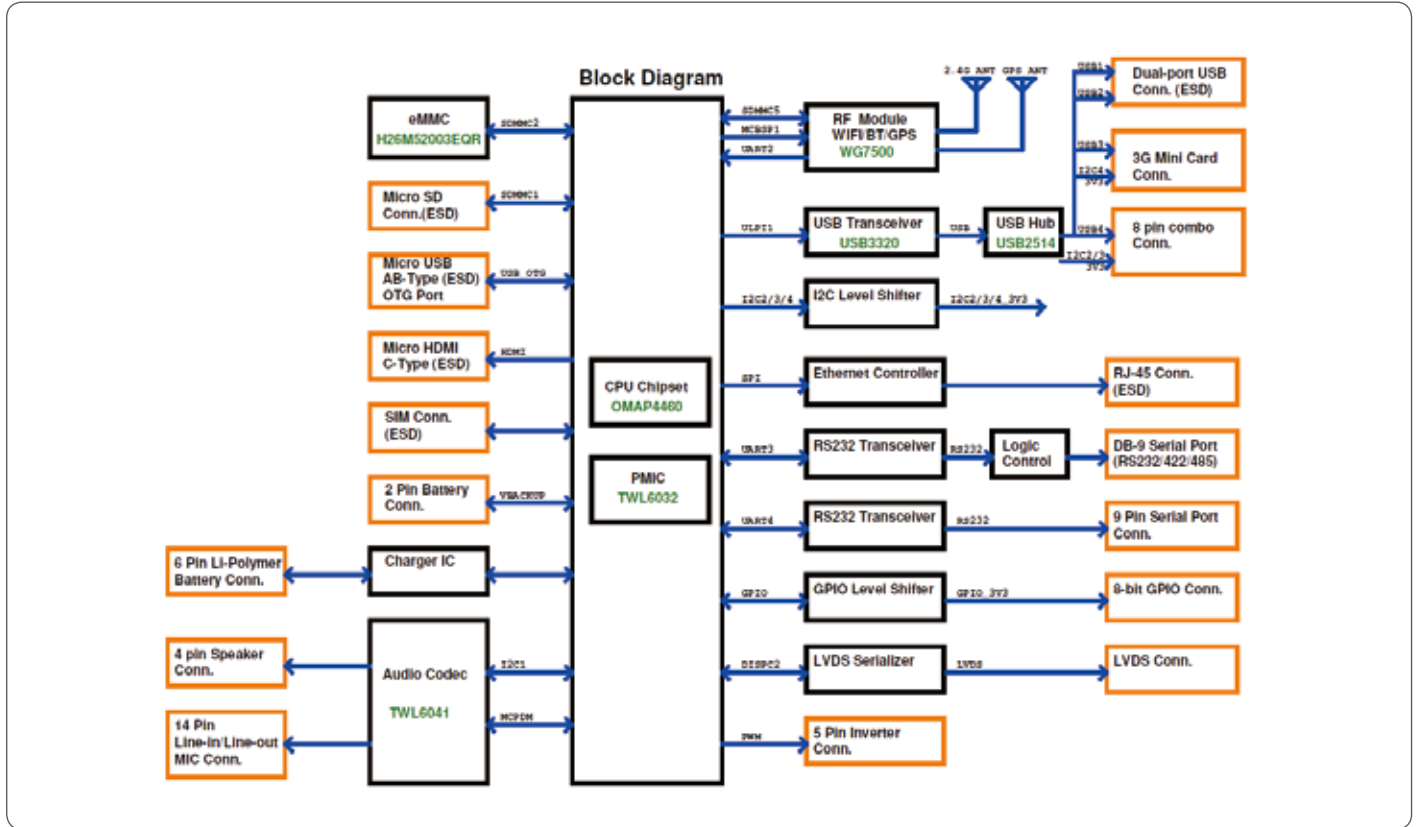
- TBD

Optional Accessories

- TBD

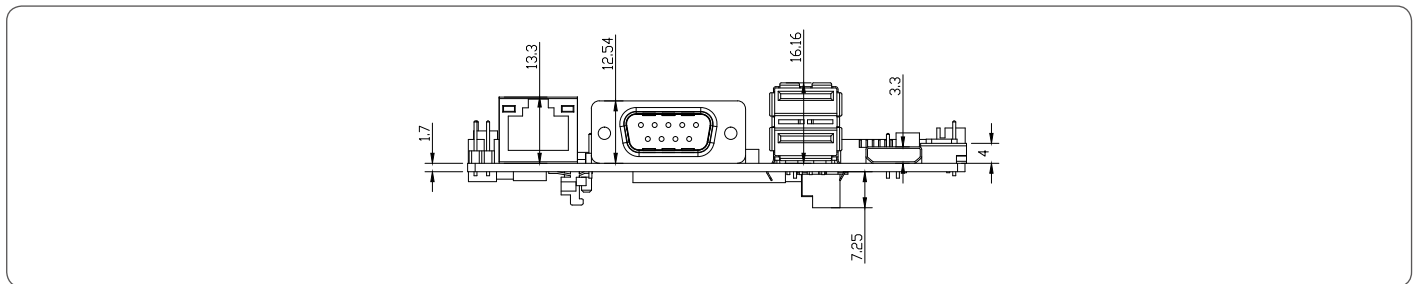
RICO-1460

Block Diagram



Dimension

Unit: mm



Ordering Information

- TBD