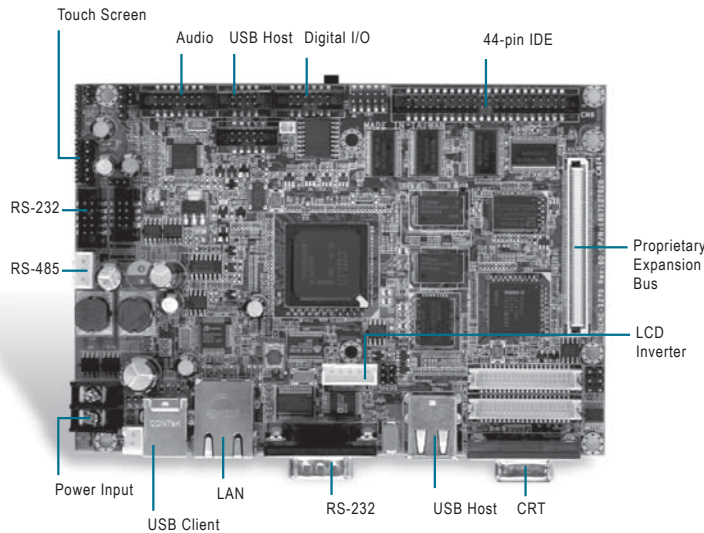


Intel® XScale PXA270 Processor



Features

- Intel®/ Marvell XScale PXA270 Processor
- Onboard 64/128MB SDRAM
- Onboard 128MB M-systems mDOC
- Supports Windows® CE 5.0/ Linux
- COM Port x 2/ USB 1.1 Host x 4/ USB 1.1 Client x 1
- Accelerated MPEG 4 Video Decode with Intel® 2700G
- 10/100 Base-TX Fast Ethernet
- Supports CompactFlash™/ SDIO/ Proprietary Expansion Bus for Function Expansion
- JTAG Port for Debug Tools
- +9V to +24V DC Input

Specifications

System	
Form Factor	3.5"
Processor	Onboard Intel®/ Marvell XScale PXA270 312MHz (optional)/ 520MHz Processor
System Memory	Onboard 64MB (optional)/ 128MB SDRAM
Ethernet Chipset	Davicom DM9000AEP
Ethernet Interface	10/100Base-TX
Boot Loader	Microsoft® Windows® CE or Linux
Watchdog Timer	Generates a time-out system reset, setting via software
Solid Storage Disk	128MB M-Systems mDOC
Expansion Interface	Type II CompactFlash™, SDIO, Proprietary Expansion Bus (optional)
OS Support	Windows® CE 5.0
Power Requirement	+9V ~ +24V DC
Power Consumption (Typical)	3.5W
Operating Temperature	32°F ~ 158°F (0°C ~ 70°C)
Board Size	5.75" (L) x 4" (W) (146 mm x 101.6 mm)
Gross Weight	0.88 lb (0.4 Kg)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	99,573
Display	
Chipset	PXA270 for B10 or 2700G for B10-01
Resolutions	Up to 640 x 480@16bpp colors with PXA270 Up to 1024 x 768@24bpp with 2700G
LCD Interface	TTL TFT LCD
Touch Screen	Supports 4-wire resistive touchscreen
I/O	
MIO	EIDE x 1, RS-232 x 1, RS-232/ 485 x 1
Audio	2CH AC97 Audio
USB	Two Type-A connectors and one pin header support four USB 1.1 host ports One Type-B connector supports USB 1.1 client port
Digital I/O	Supports 10-bit (programmable)



Packing List

- Quick Intallation Guide
- Utility CD
- GENE-1270B

Ordering Information

- **TF-GENE-1270-B10**
RISC, PXA270 520MHz, 128MB RAM, 128MB Flash, LAN, Audio, 2COM, USB, CF, SD, WinCE 5.0 Pro, Rev. B1.0
- **TF-GENE-1270-B10-01**
RISC, PXA270 520MHz, 2700G, 128MB RAM, 128MB Flash, LAN, Audio, 2COM, USB, CF, SD, WinCE 5.0 Pro, Rev. B1.0