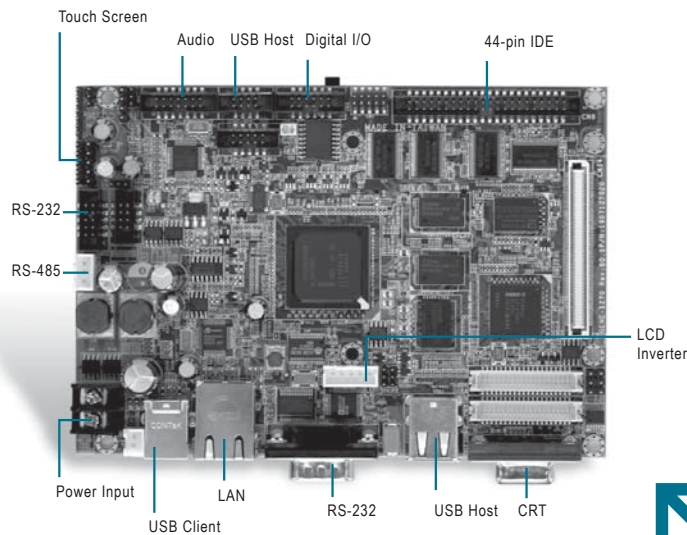


Marvell® PXA270 Processor



Features

- Marvell® PXA270 Processor
- Onboard 128MB SDRAM
- 10/100 Base-TX Ethernet
- 2 CH AC97 Audio
- Onboard 128MB SanDisk® mDOC CompactFlash™ / SDIO
- COM Port x 2 / USB 1.1 Host x 4/ USB 1.1 Client x 1
- Windows® CE 5.0/ Linux
- +9V to +24V DC Input



Specifications

| System | |
|-----------------------------|---|
| Form Factor | 3.5" |
| Processor | Onboard Marvell® PXA270 520MHz Processor |
| System Memory | Onboard 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 |
| Expansion Interface | SDIO, Type II CompactFlash™ |
| OS Support | Windows® CE 5.0/ Linux |
| Power Requirement | +9V ~ +24V DC |
| Power Consumption (Typical) | 520MHz, 128MB SDRAM +12V @ 0.29A |
| 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) | 100,000 |
| Display | |
| Chipset | PXA270 |
| Resolutions | Up to 640 x 480@16bpp colors |
| LCD Interface | TTL TFT LCD |
| Touch Screen | Supports 4-wire resistive touchscreen |
| I/O | |
| Storage | SanDisk® mDOC 128MB, EIDE x 1 |
| Serial Port | RS-232 x 1, RS-232/485 x 1 |
| USB | USB 1.1 host x 4, USB 1.1 client x 1 |
| Digital I/O | Supports 10-bit (Programmable) |
| Audio | Line-out, Stereo Amplifier included |

Packing List

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

Ordering Information

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

Optional Accessories

- **AP-LN968666660**
SDIO, 802.11 b/g, Wireless LAN Card
- **TF-PER-P09D-A10**
Power over Ethernet Module, +12V DC output