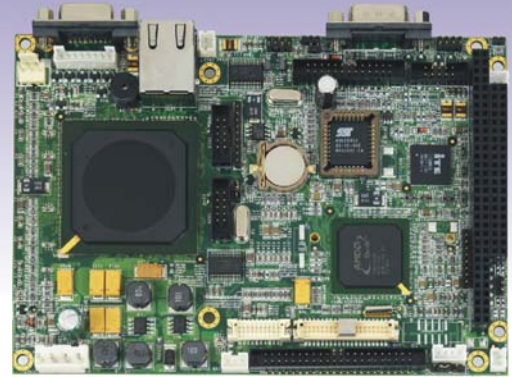


Mobile Embedded System

BEGX581A



Features

- ◆ Fan-less Low Power AMD CPU Board
- ◆ 10.4" TFT LCD Display (option)
- ◆ Embedded Window XP or WINCE OS(support built-in)
- ◆ 5-wired Resistive Touch Panel with control board (option)
- ◆ GSM/GPS Board (option)
- ◆ Battery Backup Board(option)
- ◆ Dimensions(W x D x T):250x196x56 mm

Fan-less Low Power AMD CPU Board

- ◆ **CPU** AMD Geode LX-800
- ◆ **Chipset** AMD Geode Link CS5536 PCI Bridge
- ◆ **OS** WINCE 5.0 / Embedded XP
- ◆ **Memory** 512MB DDR SODIMM
- ◆ **Display** 18bit /24 bit LVDS, 18bit/24bit TTL LCD/VGA
- ◆ **Storage** DMA-33 8GB Compact Flash Card/HDD
- ◆ **IO Port** 4 X USB, 4 X Serial Ports, 8-bit TTL
- ◆ **Extend Bus** PC104 Bus
- ◆ **Audio** AC97 with Line_in/Line_out/Mic_in
- ◆ **Ethernet** Realtek8100C 10/100Mbps Fast Ethernet Controller
- ◆ **WDT** Programmable 1~255sec
- ◆ **Power** DC12V
- ◆ Operating Temperature -10°C~+60°C

TFT LCD Display Module (option)

- ◆ **Resolution** SVGA (800X600)
- ◆ **Pixel Pitch** 0.264mm
- ◆ **View Angle** 140/120(H/V)
- ◆ **Response Time** 30ms
- ◆ **Brightness** 230cd/m²
- ◆ **Interface** 1CH LVDS
- ◆ **Power Consumption** 3.5W

GSM/GPS Board(option)

GSM Module

- ◆ Siemens /Wavecom Tri-Band Wireless Module supporting 900/1800/1900MHz (or 850/1800/1900MHz)

GPS Module

- ◆ Support GPS module with 50 channels receiver engine with passive antenna

Battery Backup Board(option)

- ◆ High integrated battery charger with automatic power source selector
- ◆ DC input 12~24V, 4400mAh/6600mAh battery