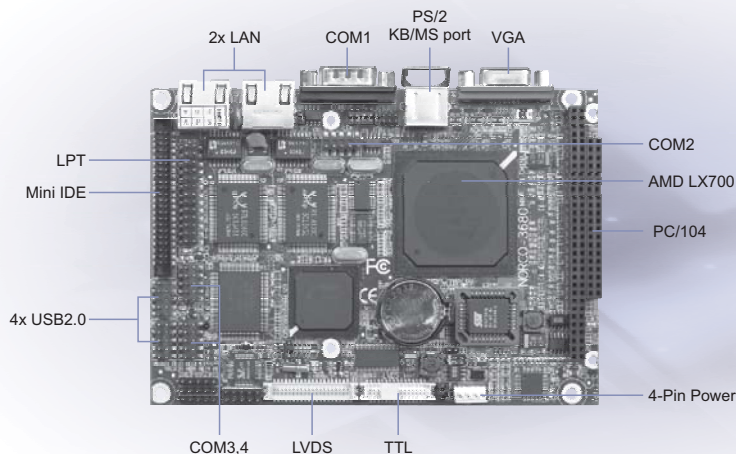
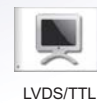
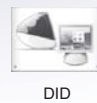
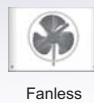


# EMB-3680 AMD based 3.5" Embedded Board



## Features :

- Onboard AMD LX700/800/900 with Frequency 433/500/600MHz
- 1x 200-Pin SO-DIMM DDR333/400MHz DIMM up to 1GB
- 18-bit Single channel LVDS/24-bit TFT LCD/ VGA Display output
- VGA+TTL, VGA+LVDS simultaneous display supported
- 2x 10/100Mbps Ethernet
- 1x IDE/1x Type II Compact Flash/4x USB2.0/ 1x LPT/1x FDD/1x PC104 /4x COM



Compact Flash

Fanless

DID

LVDS/TTL

USB 2.0

One Key restore

BIOS Security

## Specifications

System	
Product Type	3.5"
Processor	Onboard AMD LX700/800/900 with Frequency 433/500/600MHz
System Memory	1x 200-pin SO-DIMM, DDR 333/400MHz up to 1GB
Chipset	AMD LX700/800/900+CS5536
I/O Chipset	Winbond W83627HF
Ethernet	Realtek 8100C, 10/100 Mbps, 2x RJ-45
BIOS	AMI 4M-bit Flash BIOS
Wake On LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports Power Supply Voltages, Fan Speed and Temperature Monitoring
Expansion Interface	1x PC/104
Battery	Lithium battery
Power Requirement	+5V/+12V
Board Size	5.7"×4"(145mm×102mm)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0%~95% relative humidity, on-condensing
Display	
Chipset	AMD LX700/800/900 integrated
Memory	Dynamic share 8-128MB system memory for graphic memory
Resolutions	Up to 1920×1440@85 Hz for CRT Up to 1600×1200@60 Hz for LCD
LCD Interface	1x 18-bit Single channel LVDS/1x 24-bit TFT LCD(TTL LCD and LVDS combination not included)
Dual-Display	VGA+TTL, VGA+LVDS simultaneous display supported (TTL LCD and LVDS combination not included)
I/O	
Storage	1x Mini-IDE(UDMA 100), 1x Type II Compact Flash, 1x FDD
Serial Port	3x RS-232, 1x RS-232/422/485
Parallel Port	SPP/EPP/ECP mode
USB	4x USB2.0
Keyboard and Mouse	1x Keyboard and Mouse connector
Digital I/O	N/A
IrDA	1x IrDA Tx/Rx Header
Audio	AC'97 CODEC, 2 channel(L+R)Speak out, MIC-IN

## Packing List

- **0040021019** Jumper
- **0560280029** Mini-IDE Cable
- **0600400019** Keyboard/Mouse Cable
- **0260400019** Serial port cable
- **0260280019** Parallel Port Cable
- **0360250019** USB Cable with shielding
- **Utility CD**
- **User's Manual**
- **Warranty card**
- **EMB-3680**

## Ordering Information

- **EMB-3680-V10**  
3.5" board, On Board CPU, AMD LX700, AT, DDR 266/333MHz, VGA+TTL, Ethernet, 4x USB, 4x COM, 1x Mini-IDE, 1x LPT, 1x PC104+ Slot, Audio, 1x CF, Version 1.0
- **EMB-3680-V10-1**  
3.5" board, On Board CPU, AMD LX800, AT, DDR 266/333MHz, VGA+TTL, Ethernet, 4x USB, 4x COM, 1x Mini-IDE, 1x LPT, 1x PC104+ Slot, Audio, 1x CF, Version 1.0

## Optional Accessories

- **AHS-303-0461910009** CPU Cooler