

EMB-3682 AMD based 3.5" Embedded Board

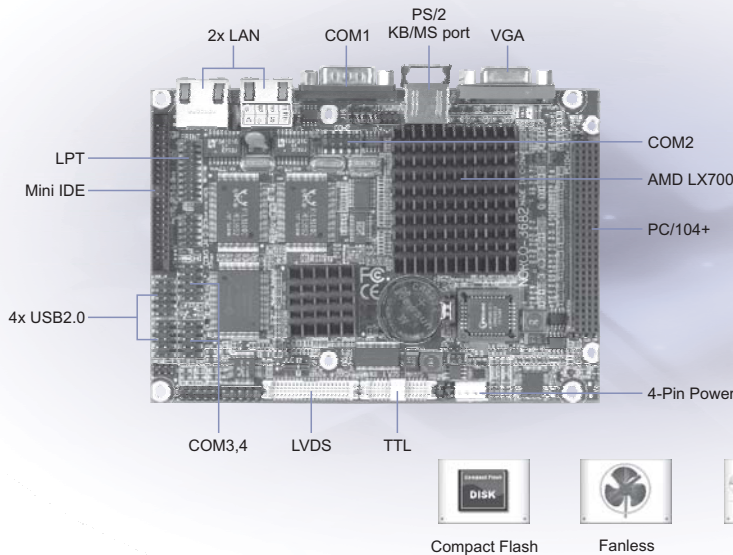
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Features :

- Onboard AMD LX 700/800/900 with Frequency 433/500/600MHz
- 1x 200-Pin SO-DIMM DDR 333/400MHz 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 PC104+ /4x COM

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"x4"(145mmx102mm)
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 1920x1440@85 Hz for CRT Up to 1600x1200@60 Hz for LCD
LCD Interface	1x 18-bit Single channel LVDS/1x 24-bit TFT LCD(TFT 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 CompactFlash
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 port
Digital I/O	Support 8-bit digital I/O (programmable)
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**
Seria port cable
- **0260280019**
Parallel Port Cable
- **0360250019**
USB Cable with shielding
- **Utility CD**
- **User's Manual**
- **Warranty card**
- **EMB-3682**

Ordering Information

- **EMB-3682-V10**
3.5" board, On Board CPU, AMD LX700, AT, DDR 266/333MHz, VGA+LVDS+TTL, Ethernet, 4x USB, 4x COM, 1x Mini-IDE, 1x LPT, 1x PC104+ Slot, Audio, 1x CF, Version 1.0
- **EMB-3682-V10-1**
3.5" board, On Board CPU, AMD LX800, AT, DDR 266/333MHz, VGA+LVDS+TTL, Ethernet, 4x USB, 4x COM, 1x Mini-IDE, 1x LPT, 1x PC104+ Slot, Audio, 1x CF, Version 1.0

Optional Accessories

- **AFC-110P2-4460810019**
Audio Card
- **AHS-303-0461910009**
CPU Cooler
- **AFC-361P2-4461010019**
PC104 plus 6-port COM+1-port audio Module