

# AX12260

AMD LX PC/104 CPU Module with VGA/TTL, USB DoM and PC/104-Plus Expansion

## Features

- Low power fanless AMD LX800 processor
- 4 USB 2.0 ports for high speed peripherals & DoM
- PC/104-Plus slot for 16-bit ISA, 1 x 32-bit PCI expansion



### Core System

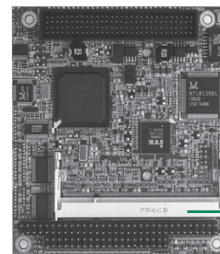
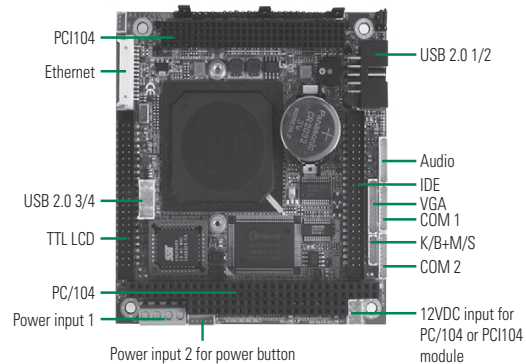
CPU	AMD LX800 processor onboard
System Memory	1 x 200-pin DDR-333/400 SO-DIMM, up to 1GB
Chipset	AMD CS5536AD
BIOS	Phoenix-Award
SSD	1 x USB DoM
Watchdog Timer	255 levels, 1 ~ 255 sec.
Expansion Interface	1 x PCI-104 for 32-bit PCI supports 3 bus masters 1 x PC/104 for 16-bit ISA bus
Battery	Lithium 3V/220 mAh
Power Input	1 x 4-pin Phoenix connector +5V DC-in only
Power Requirements	AMD LX800, 1 GB DDR 400 Max. RMS: 5V @ 1.846A
Size	96 x 90 mm
Board Thickness	1.6 mm
Operating Temperature	Standard: 0°C ~ +60°C (32°F ~ 140°F) Optional: -40°C ~ +85°C (-40°F ~ +185°F)
Relative Humidity	10% ~ 95% relative humidity, non-condensing

### I/O

MIO	1 x IDE; PATA-100 1 x PS/2 keyboard & mouse 1 x PS/2 mouse 2 x RS-232
SATA	N/A
Hardware Monitoring	Detect CPU/system temperature and voltage
Ethernet	1 port as 10/100Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8139DL
Audio	AC'97 Codec audio as MIC-in/Line-in/Line-out/speaker-out with Realtek ALC203
USB	4 x USB 2.0
SMBus	System Management Bus for advanced monitoring/control
Digital I/O	8 channels IN/OUT programmable

### Display

Chipset	AMD LX integrated
Memory Size	8 channels IN/OUT programmable
Display Interface	1 x VGA 1 x TTL LCD; Max up to 24-bit



▲ Rear view

### Packing List

<b>Standard</b>		
Quick installation guide, user's manual/utility CD, cable		
<b>Cable</b>		
Part Number	Description	Qty
59484500010E	44-44-40 pin IDE cable, L=200 mm + 200 mm	1
594E8422800E	2xUSB 2.0 wafer cable w/ bracket, L=180 mm	1
59386831000E	USB cable w/ bracket, USB x 2, 2 x 5P, P=2.54, L=175 mm	1
59312260020E	Audio cable w/ bracket, P=1.25, L=450 mm	1
59412260010E	PS/2 cable, P=1.25, 6P to PS/2, L=150 mm	1
59312260010E	COM port x 2 w/ bracket, P=1.25, L=250 mm	1
59412260000E	ATX power cable, 4P+5P+6P, L=150 mm	1
59312260000E	VGA cable, DB15P, P=1.25, 12P, L=200 mm	1
59093201000E	AX93201 to AX93202 LAN cable, L=200 mm	1

### Ordering Information

<b>Standard</b>		
AX12260VEA-500 (P/N: E112260100)	PC/104 CPU module with AMD LX800 500 MHz CPU, VGA/TTL, 10/100 Mbps Ethernet, AC'97 audio and 2 COM ports	
<b>Optional</b>		
AX12260VEA-500-ET (P/N: E112260102)	PC/104 CPU module with AMD LX800 500 MHz CPU, VGA/TTL, 10/100 Mbps Ethernet, AC'97 audio, 2 COM ports and W.T. (-40°C to +85°C)	

\* W.T.: Wide Temperature

## Assured Systems

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