

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

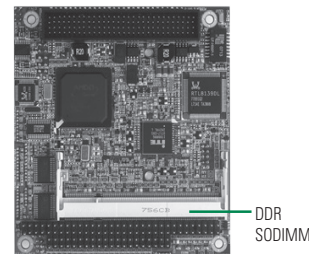
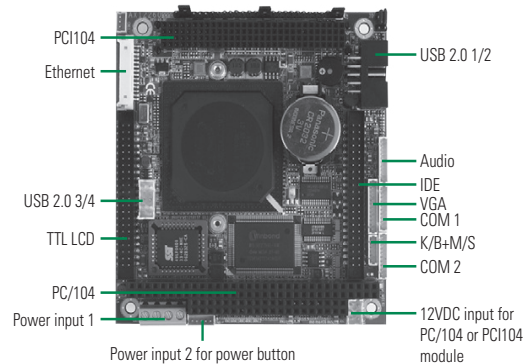
CPU	AMD LX800 processor onboard
System Memory	1 x 200-pin DDR-333/400 SO-DIMM, up to 1GB
Chipset	AMD CS5536AD
BIOS	Phoenix-Award
SSD	1 x USB DoM
Watchdog Timer	255 levels, 1 ~ 255 sec.
Expansion Interface	1 x PCI-104 for 32-bit PCI supports 3 bus masters 1 x PC/104 for 16-bit ISA bus
Battery	Lithium 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

Standard		
Quick installation guide, user's manual/utility CD, cable		
Cable		
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

Standard	
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
Optional	
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

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660