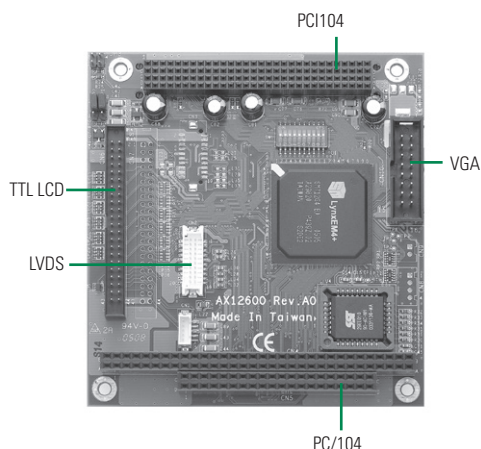


# AX12600

VGA and LCD Display Module



- VGA, TTL LCD and TFT LVDS LCD
- DualView for different resolutions & contents
- Direct 3D Acceleration
- Landscape and Portrait rotation

## System

Chipset	SMI712EM+ Graphics Controller
Display Memory	4 MB SDRAM integrated
Bus Interface	PCI v2.1 compliant
CRT Monitor	Interlace and non-interlace
LCD Monitor	TTL interface ~ supports for 3, 9, 12, 18, 24, 36-bit TFT and 16 or 24-bit DSTN panels up to 1280 x 1024 resolution
Display Mode	VGA only: Up to 1280 x 1024 24bpp colors @ 60Hz Simultaneous mode: Up to 1024 x 768 24bpp colors @ 60Hz DualView mode: Display 1 up to 1024 x 768 16bpp colors; Display 2 up to 1024 x 768 8bpp colors
OS Support	Windows® 95/98/NT/2000
Expansion Interface	PC/104+

## Physical/Environmental

Size/Weight	96 x 90 mm/0.15 kg
Operating Temperature	0° ~ +60°C (32°F ~ 140°F), operation
Relative Humidity	10% ~ 95%, non-condensing

## Packing List

Driver CD, 1 x VGA cable, Stand-off, screw

## Ordering Information

AX12600	VGA and LCD display module
(P/N: E112600101)	

Архангельск (8182)63-90-72  
Астана +7(7172)727-132  
Белгород (4722)40-23-64  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89  
Иваново (4932)77-34-06  
Ижевск (3412)26-03-58  
Казань (843)206-01-48

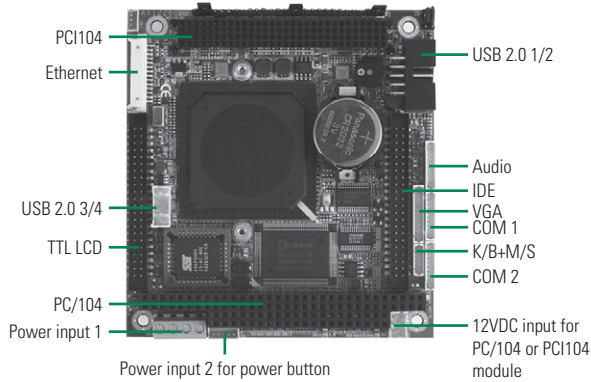
Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Липецк (4742)52-20-81  
Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41

Нижний Новгород (831)429-08-12  
Новокузнецк (3843)20-46-81  
Новосибирск (383)227-86-73  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Пермь (342)205-81-47  
Ростов-на-Дону (863)308-18-15  
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Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78

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Тверь (4822)63-31-35  
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Тула (4872)74-02-29  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Уфа (347)229-48-12  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Ярославль (4852)69-52-93

# AX12260

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



## System

CPU	AMD LX800 processor onboard
System Memory	1 x 200-pin SO-DIMM supports DDR-333/400 max. up to 1 GB
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° ~ +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

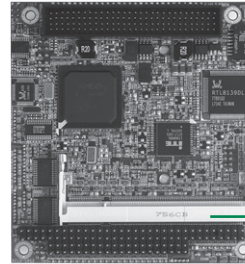
MIO	1 x IDE; PATA-100 1 x PS/2 keyboard & mouse 1 x PS/2 mouse 2 x RS-232
SATA	N/A
Hardware Monitoring	Detect CPU/system temperature and voltage
Ethernet	1 port as 10/100Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8139DL
Audio	AC'97 Codec audio as MIC-in/Line-in/Line-out/speaker-out with 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 intergrated
Memory Size	8 channels IN/OUT programmable
Display Interface	1 x VGA 1 x TTL LCD; Max up to 24-bit

## 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



▲ 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
59382631000E	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 PC/104 CPU module with AMD LX800 500 MHz CPU, (P/N: E112260100) VGA/TTL, 10/100Mbps Ethernet, AC'97 audio and 2 COM ports

### Optional

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

\* W.T.: Wide Temperature

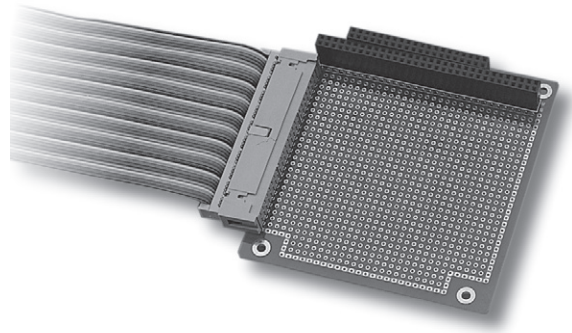
# PC/104

## Expansion Modules

### AX10460

Universal Expansion Module

- PC/104 breadboard
- For custom user interface circuits
- Stack through PC/104 connector
- 50-pin mating connector

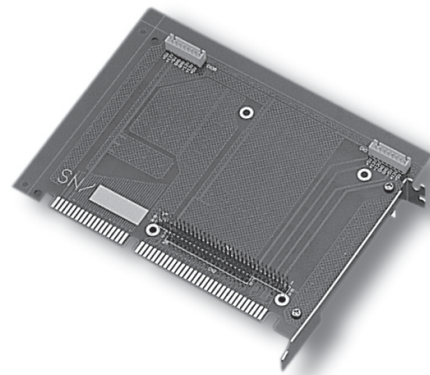


Full Solid  
Cap Design

### AX10461

PC/104 to ISA-bus Converter Expansion Module

- PC/104 socket onboard
- Convert PC/104 bus to 16-bit ISA-bus
- External power supply connector
- Easy to design and test PC/104 modules
- Effective saving space height
- Size: 180 x 132 mm



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