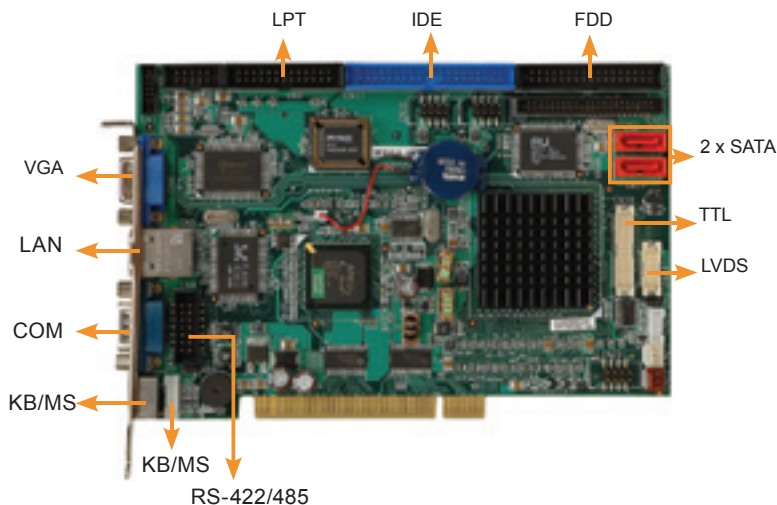
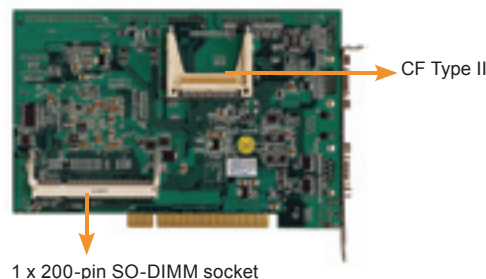


# PICO-LX-800

Half-size PCI CPU card supports 500 MHz AMD Geode™ LX 800 and comes with CRT, LCD, LAN USB 2.0, SATA and audio



## solder side



## Specifications

- ◆ CPU  
On-board 500 MHz AMD Geode™ LX800 processor
- ◆ System Chipset  
AMD Geode™ LX 800 + CS5536
- ◆ BIOS  
Award BIOS
- ◆ System Memory  
One 200-pin 1 GB (max.) 333 MHz or 400 MHz DDR SDRAM SO-DIMM supported
- ◆ Ethernet  
Dual 10/100 Mbps Realtek RTL8110C Fast Ethernet controllers
- ◆ I/O Interface  
2 x RS-232,  
1 x RS-422/485  
4 x USB 2.0  
2 x IDE  
1 x LPT  
1 x FDD  
2 x SATA with ALI M5283 RAID 0,1 function support.  
1 x Keyboard and mouse (PS/2)  
1 x 6-pin header for Keyboard and mouse
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Super I/O  
Winbond W83627EHG
- ◆ Audio  
Realtek ALC203 AC'97 codec
- ◆ SSD  
CF Type II
- ◆ Display Interface  
VGA integrated in the AMD Geode™ LX 800  
24-bit TTL  
18-bit single-channel LVDS
- ◆ Watchdog Timer  
Software programmable supports 1~255 sec. System reset
- ◆ Power Supply  
AT and ATX support
- ◆ Power Consumption  
5 V @ 1.73 A running a 500 MHz AMD Geode™ LX 800 processor with a 1 GB 400 MHz DDR DIMM
- ◆ Temperature  
Operating: 0°C ~ 60°C (32° F ~ 140° F)
- ◆ Humidity  
Operating: 5% ~ 95% non-condensing
- ◆ Dimensions  
185 mm x 122 mm
- ◆ Weight  
GW: 1.0 kg

## Features

1. Half-size PCI CPU card supports an on-board 500 MHz AMD Geode™ LX800
2. One 200-pin 1 GB (max.) 333 MHz or 400 MHz DDR SDRAM SO-DIMM supported
3. Supports VGA, LVDS and TTL
4. Two RS-232, one RS-422/485 and four USB 2.0

## Packing List

1 x PICO-LX single board computer
1 x Mini jumper pack
1 x ATA66/100 flat cable (P/N: 32200-000052-RS)
1 x RS-232/422/485 cable (P/N:32200-000063-RS)
1 x Audio cable (P/N: 32000-072101-RS)
1 x KB/MS Y cable (P/N:32000-023800-RS)
1 x USB cable (P/N:CB-USB02-RS)
2 x SATA cable (P/N: 32000-0628000-RS)
1 x SATA power cable (P/N: 32100-088600-RS)
1 x Utility CD
1 x QIG

## Ordering Information

Part No.	Description
PICO-LX-800-R10	PCI CPU Card AMD Geode LX800 500MHz with VGA/LVDS/ TTL, LAN, USB 2.0, SATA and Audio
32200-000009-RS	ATA33 44P/44P flat cable
32200-000058-RS	FDD cable
19800-000049-RS	LPT cable
PICO-LX-CE050	Windows® CE 5.0 Image & BSP, S/W CD, Licensed sticker (without CPU board)
PICO-LX-XPE	Windows® XP Embedded Image & SLD, S/W CD, Licensed sticker (without CPU board)