



## Features

- ✓ Support AMD Geode LX 800
- ✓ Fanless and Extended Temp, Design
- ✓ 1 x SO-DIMM Socket Support  
DDR SDRAM up to 1GB
- ✓ VGA/LVDS
- ✓ PCI-104 Interface
- ✓ Audio, USB2.0, IDE, CFII, COM, 10/100 LAN

## Specification

### System

<b>CPU</b>	Onboard Ultra Low Power AMD Geode LX 800
<b>Chipset</b>	AMD LX 800 + CS5536
<b>Front Side Bus</b>	500MHz
<b>Memory</b>	<ul style="list-style-type: none"> <li>• 1 x 200-pin SO-DIMM socket support 400MHz</li> <li>DDR SDRAM up to 1GB</li> <li>• 512MB pre-installed</li> </ul>

### Video

<b>Graphic Controller</b>	AMD Geode LX Integrated video controller
<b>Video Memory</b>	
<b>Video Interface</b>	1 x VGA port (DB15) 1 x 18-bit LVDS port

### Storage

<b>IDE</b>	1 x E-IDE
<b>SATA</b>	-
<b>CF</b>	1 x External Compact Flash Type I socket
<b>Disk Bay</b>	1 x Anti-shock 2.5" HDD/SSD bracket

### Communication

<b>Ethernet</b>	1 x 100Mbps RJ45 with LED, Realtek RTL8100C
<b>USB</b>	4 x USB2.0 (4 x external port)
<b>Serial Port</b>	<ul style="list-style-type: none"> <li>• 1 x RS-232/422/485 (DB9) (jumper-selectable)</li> <li>• 3 x RS-232 (DB9)</li> <li>• Automatic RS-485 data flow control</li> </ul>

### Expansion

<b>PCI Slot</b>	1 x PCI-104
<b>PCI Express Slot</b>	-
<b>miniPCIe</b>	-

### Other Feature

<b>PS/2</b>	1 x PS/2
<b>Audio</b>	Line-Out
<b>Hardware</b>	<ul style="list-style-type: none"> <li>• CPU voltage</li> </ul>
<b>Monitoring</b>	<ul style="list-style-type: none"> <li>• CPU and system temperature</li> </ul>
<b>WatchDog Timer</b>	Software programmable 1~63 sec.
<b>Indicator</b>	HDD and Power LED
<b>GPIO</b>	8-bit Digital I/O

### Power Requirement

<b>Power Input</b>	12 (+/-5%) VDC, Lockable DC jack
<b>Power Adaptor</b>	90~264VAC, DC power adaptor
<b>Power Consumption</b>	

### Software

<b>OS Support</b>	Windows XP/XP Embedded/CE, Linux
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### Mechanical & Environment

<b>Thermal Design</b>	Fanless
<b>Chassis Material</b>	Aluminum + Metal
<b>Dimension (W x D x H)</b>	250mm x 117mm x 59mm (9.84" x 4.61" x 2.32") 278mm x 117mm x 67mm (10.94" x 4.61" x 2.64", with bracket)
<b>Weight</b>	Net: 678g (1.5Lb)
<b>Operating Temp.</b>	-40~75°C (-40~167°F) for CF only
<b>Storage Temp.</b>	-40~80°C (-40~176°F)
<b>Relative Humidity</b>	5 to 60% @ 75°C, non-condensing
<b>Safety</b>	CE, FCC class A

### Packing List

- 1 x AR-ES0631ET
- 512MB memory pre-installed
- 1 x PS/2 keyboard and mouse cable
- 1 x 2.5" anti-shock HDD mounting kit
- 1 x Quick user manual
- 1 x Driver CD
- 2 x Mounting bracket
- 1 x AR-B9427 quick manual
- 4 x Screws for mounting bracket

### Ordering Information

<b>AR-ES0631ET</b>	AR-ES0631ET with AMD LX 800 and 512MB DDR
<b>Accessory</b>	<ul style="list-style-type: none"> <li>• 1 x LPT cable</li> <li>• 1 x Power cord (Optional for USA/EU type)</li> <li>• 1 x 90-260V AC to DC power adapter</li> </ul>