



## Features

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

Extended Temperature

## SPECIFICATION

System	
<b>CPU</b>	Onboard Ultra Low Power AMD Geode LX 800 500MHz
<b>Chipset</b>	AMD LX 800 + CS5536
<b>Memory</b>	1 x 200-pin SO-DIMM socket support 400MHz DDR SDRAM up to 1GB, 256MB pre-installed
<b>Battery</b>	Lithium Battery, 3V 220mAh
<b>BIOS</b>	Award
<b>RTC</b>	System
<b>Hardware</b>	Yes
<b>Monitoring</b>	
<b>WatchDog Timer</b>	Software programmable 1~255 sec.
<b>OS</b>	Windows XP Embedded/CE, Linux
Video	
<b>Video Controller</b>	AMD Geode LX Integrated video controller
<b>Video Interface</b>	1 x VGA port
Ethernet	
<b>Connector</b>	1 x RJ45
<b>Controller</b>	Realtek RTL8100C (10/100Mbps)
Storage	
<b>IDE</b>	1 x E-IDE
<b>HDD Bay</b>	Anti-shock drive bay for 2.5" HDD (Not supported < 0°C)
<b>SSD</b>	1 x Compact Flash socket
I/O	
<b>Serial Port</b>	3 x RS-232, 1 x RS-232/422/485 (4 x DB9)
<b>USB Port</b>	4 x USB2.0 (4 x external ports)
<b>Audio</b>	Stereo Audio output
<b>GPIO</b>	4 input, 4 output
<b>Parallel Port</b>	1 x LPT port
<b>Keyboard/Mouse</b>	PS/2 keyboard and mouse connector
<b>Expansion Slot</b>	1 x PCI-104 slot

## Mechanical & Environment

<b>Construction</b>	Fanless, Aluminum Chassis
<b>Color</b>	Black
<b>Dimension</b>	Without mounting bracket : 250mm x 117mm x 59mm (W x D x H) With mounting bracket : 278mm x 117mm x 67mm (W x D x H)
<b>Power Supply</b>	90~264V AC input, 12V DC output power adapter Lockable DC plug-in jack DC input module : AR-B9427
<b>Power Requirement</b>	AT : 12V Single Voltage Input
<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. AR-ES0631ET x 1
2. 256MB memory pre-installed
3. PS/2 keyboard and mouse cable x 1
4. 2.5" anti-shock HDD mounting kit x 1
5. Quick user manual x 1
6. Driver CD x 1
7. Mounting bracket x 2
8. AR-B9427 quick manual x 1
9. Screws for mounting bracket x 4

## Ordering Information

<b>AR-ES0631ET</b>	AR-ES0631ET with AMD LX 800 and 256MB DDR
<b>Accessory (Optional)</b>	1. LPT cable x 1 2. Power cord (Optional for USA/EU type) x 1 3. 90-260V AC to DC power adapter x 1