



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

Specification

System

CPU	Onboard Ultra Low Power AMD Geode LX 800 500MHz
Chipset	AMD LX 800 + CS5536
Memory	1 x 200-pin SO-DIMM socket support 400MHz DDR SDRAM up to 1GB, 256MB pre-installed
Battery	Lithium Battery, 3V 220mAh
BIOS	Award
RTC	System
Hardware	Yes
Monitoring	
WatchDog Timer	Software programmable 1~255 sec.
OS	Windows XP Embedded/CE, Linux

Video

Video Controller	AMD Geode LX Integrated video controller
Video Interface	1 x VGA port

Ethernet

Connector	1 x RJ45
Controller	Realtek RTL8100C (10/100Mbps)

Storage

IDE	1 x E-IDE
HDD Bay	Anti-shock drive bay for 2.5" HDD (Not supported < 0°C)
SSD	1 x Compact Flash socket

I/O

Serial Port	3 x RS-232, 1 x RS-232/422/485 (4 x DB9)
USB Port	4 x USB2.0 (4 x external ports)
Audio	Stereo Audio output
GPIO	4 input, 4 output
Parallel Port	1 x LPT port
Keyboard/Mouse	PS/2 keyboard and mouse connector
Expansion Slot	1 x PCI-104 slot

Mechanical & Environment

Construction	Fanless, Aluminum Chassis
Color	Black
Dimension	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)
Power Supply	90~264V AC input, 12V DC output power adapter Lockable DC plug-in jack DC input module : AR-B9427 AT : 12V Single Voltage Input
Power Requirement	
Operating Temp.	-40~75°C (-40~167°F) for CF only
Storage Temp.	-40~80°C (-40~176°F)
Relative Humidity	5 to 60% @ 75°C, non-condensing
Safety	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

AR-ES0631ET	AR-ES0631ET with AMD LX 800 and 256MB DDR
Accessory (Optional)	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