

# eBOX745-FL500

Fanless Embedded System with AMD Geode™ LX800 500 MHz Processor

## Features

- Fanless operation
- AMD Geode LX800 500 MHz low voltage processor onboard
- AMD LX + CS5536
- Extremely low power consumption
- Supports CompactFlash™
- 70 watt AC-in or DC-in power supply



## Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty cold-rolled steel, IP40
CPU	AMD Geode LX800 500 MHz onboard
System Memory	1 x 200-pin DDR SO-DIMM, up to 1GB
Chipset	AMD LX800 + CS5536
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and Customer CMOS backup
System I/O Outlet	3 x RS-232 (COM 2/3/4) 1 x RS-232/422/485 (COM 1) 1 x VGA 1 x LPT 1 x PS/2 keyboard/mouse 2 x 10/100 Mbps Ethernet (Realtek RTL8139DL) 3 x USB 2.0 1 x VDC power input terminal block (DC version) 1 x VAC power input connector (AC version)
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" IDE HDD drive bay 1 x CompactFlash™ slot
Expansion Interface	N/A
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	* AC AT 72W Input: 85 ~ 270VAC Output: +5V @ 10A, +12V @ 1.5A, -12V @ 0.3A * DC AT 72W Input: 18 ~ 36VDC Output: +5V @ 10A, +12V @ 1.5A, -12V @ 0.3A
Operating Temperature	-20°C ~ +50°C (-4°F ~ +122°F) (with W.T. HDD, AC PSU)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	2 Grms with CF (5 ~ 500 Hz, X, Y, Z directions) 0.5 Grms with HDD (5 ~ 500 Hz, X, Y, Z directions)
Dimensions	225 mm (8.86") (W) x 225 mm (8.86") (D) x 51 mm (2.01") (H)
Weight (net/gross)	2.15 kg (4.74 lb)/2.9 kg (6.39 lb)
Certificate	CE
EOS Support	XPE, WinCE, Linux, WES

## Packing List

- 1 x Quick manual
- 1 x Driver CD
- 1 x Y cable for PS/2 keyboard/mouse
- 1 x Screw pack
- 4 x HDD anti-vibration damper
- 1 x Wall mount kit



▲ Front view



▲ Rear view

## Power Protection

### AC & DC Version

- OVP (over voltage protection)
- OLD (over load protection)
- SCP (short circuit protection)

## Ordering Information

### Standard

eBOX745-FL500 AC	Fanless embedded system with AMD Geode™ LX800 500 MHz processor, 256MB DDR SO-DIMM and AC-in 70W P/S
eBOX745-FL500 DC	Fanless embedded system with AMD Geode™ LX800 500 MHz processor, 256MB DDR SO-DIMM and 24 VDC-in 70W P/S

### Optional

2.5" IDE HDD	40GB or above
DDR SO-DIMM	256MB ~ 1GB
CompactFlash	256MB or above
Power supply	24 VDC-in, 12 VDC-in
Power cord	
DIN-rail kit	

\*Specifications and certifications are based on options and may vary.

## Dimensions

