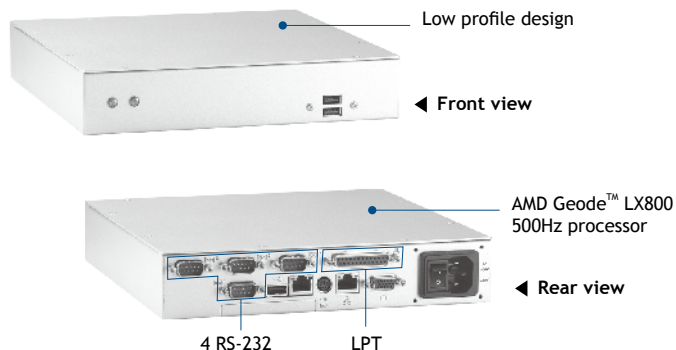


# eBOX745-FL500

Fanless Embedded System with AMD Geode™ LX800 500 MHz Processor



## Features

- Fanless operation
- AMD Geode™ LX800 500 MHz low voltage processor
- AMD LX + CS5536 chipset
- High performance with extremely low power consumption
- Full feature I/O
- Supports CompactFlash™
- 70 watt AC-in or DC-in power supply

## Power Protection

### AC & DC Version

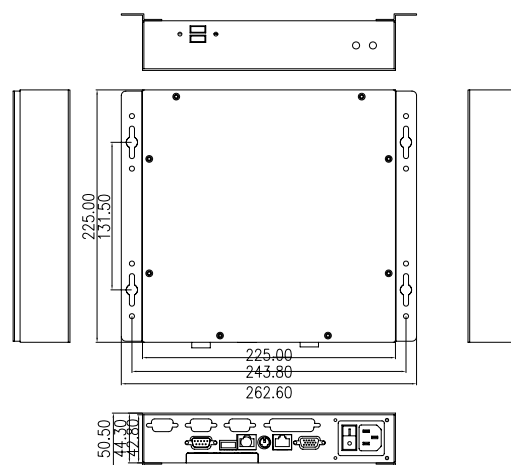
OVP (over voltage protection)	OLD (over load protection)
SCP (short circuit protection)	

## Ordering Information

Standard	
eBOX745-FL500 AC	Fanless embedded system with AMD Geode™ LX800 500 MHz processor, 256 MB DDR SODIMM, AC-in 70W P/S
eBOX745-FL500 DC	Fanless embedded system with AMD Geode™ LX800 500 MHz processor, 256 MB DDR SODIMM, 24V <sub>dc</sub> -in 70W P/S
Optional	
2.5" IDE HDD	40 GB or above
DDR SODIMM	256 MB ~ 1 GB
CompactFlash™	256 MB or above
Power supply	24V <sub>dc</sub> -in, 12V <sub>dc</sub> -in
Power cord	
DIN-rail kit	DRP-02

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

## Dimensions



## Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty cold-rolled steel, IP40
CPU	AMD Geode™ LX800 500 MHz
System Memory	1 x 200-pin DDR SO-DIMM max. up to 1 GB
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 10/100Mbps Ethernet 3 x USB 2.0 1 x V <sub>dc</sub> power input terminal block (DC version) 1 x V <sub>ac</sub> power input connector (AC version)
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" IDE HDD drive bay 1 x CompactFlash™
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 ~ 270V <sub>ac</sub> Output: +5V @ 10A, +12V @ 1.5A, -12V @ 0.3A * DC AT 72W Input: 18 ~ 36V <sub>dc</sub> 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)
Storage Temperature	-20° C ~ +80° C (-4° F ~ +176° F)
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)
Certification	CE
EOS Support	XPE, WinCE, Linux

\* XPE: Windows® XP Embedded

## 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
- 2 x wall mount kit

Overview

Embedded Systems

Embedded Systems for Transportation

Embedded Field Controllers

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Industrial Workstations

Backplanes

Power Supplies

Peripherals & Accessories