

# eBOX646-FL

Fanless Embedded System with AMD LX800 500 MHz Processor  
and AMD LX+CS5536 Chipset for Gaming Management System



Front view



Rear view

## Specifications

Standard Color	Black
Construction	Heavy-duty cold-rolled steel
CPU	AMD LX800 500 MHz
System Memory	1 x 200-pin DDR SODIMM max. up to 1GB
Chipset	AMD <sup>®</sup> 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 PS/2 keyboard/mouse through Y-type cable 2 x 10/100Mbps Ethernet 3 x USB 2.0 1 x dummy-proof reset button 1 x V <sub>DC</sub> power input connector
Watchdog Timer	255 levels, 0-255 sec.
Storage	Supports 1 x CompactFlash <sup>™</sup>
Expansion Interface	N/A
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Screw type AC 20W adapter Input: AC 90-264V Output: DC5V@4A
Operating Temperature	-10°C ~ +50°C (14°F ~ 122°F) (with W.T. CF & adapter)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	2Grms with CF (5-500Hz, X, Y, Z directions)
Dimensions	200mm (7.8") (W) x 150mm (5.9") (D) x 44mm (1.73") (H)
Weight (net/gross)	1.3 kg (2.86 lb)/1.8 kg (3.97 lb)
Certification	CE
EOS Support	XPE, WinCE, Linux

\*W.T.: Wide Temperature. All W.T. supported products have to be sorted by AXIOMTEK.

\*\*XPE: Windows<sup>®</sup> XP Embedded

## Features



- Fanless operation
- Onboard low voltage AMD LX800 500 MHz processor
- AMD LX+CS5536 chipset
- Full feature I/O
- Good performance with extremely low power consumption
- Screw type 20W AC/DC power adapter
- Easy access via bottom side
- Operating temperature range of -10°C ~ +50°C
- Supports CompactFlash<sup>™</sup>
- Best suited for gaming management system

## 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 Foot pad
1 x Power adapter

## Ordering Information

Standard	
eBOX646-FL AC	Fanless embedded system with AMD LX800 500 MHz processor, wall mount kit, 20W AC/DC adapter
Optional	
CompactFlash <sup>™</sup>	256MB ~ 2GB
DDR SODIMM	256MB ~ 1GB
Cable kit	Digital I/O cable, print cable
Wall mount bracket	
Power cord	

\*Specifications and certifications are limited to optional.

## Dimensions

