

eBOX646-FL

Fanless Embedded System with AMD Geode™ LX800 500 MHz Processor for Gaming Management System



▲ Front view



Specifications

Standard Color	Black
Construction	Heavy-duty cold-rolled steel, IP30
CPU	AMD Geode™ LX800 500 MHz onboard
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 PS/2 keyboard/mouse through Y-type cable 2 x 10/100Mbps Ethernet (Realtek RTL8139DL) 3 x USB 2.0 1 x optional expansion slot for audio (Mic-in/Line-in/Line-out) or LPT or digital I/O 1 x dummy-proof reset button 1 x VDC power input connector
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	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	Screw type AC 20W adapter Input: AC 90 ~ 264V Output: DC 5V @ 4A
Operating Temperature	-10°C ~ +50°C (14°F ~ 122°C) (with W.T. CF)
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)
Dimensions	200 mm (7.8") (W) x 150 mm (5.9") (D) x 44 mm (1.73") (H)
Weight (net/gross)	1.3 kg (2.86 lb)/ 1.8 kg (3.97 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 foot pad
- 1 x power adapter

Features

- Fanless operation
- Low voltage AMD Geode™ LX800 500 MHz processor onboard
- AMD LX + CS5536
- Screw type 20W AC/DC power adapter
- Easy access via bottom side
- Operating temperature range of -10°C ~ +50°C
- Supports CompactFlash™
- Best suit for gaming management system



▲ Rear view

Power Protection

AC Version

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

Ordering Information

Standard

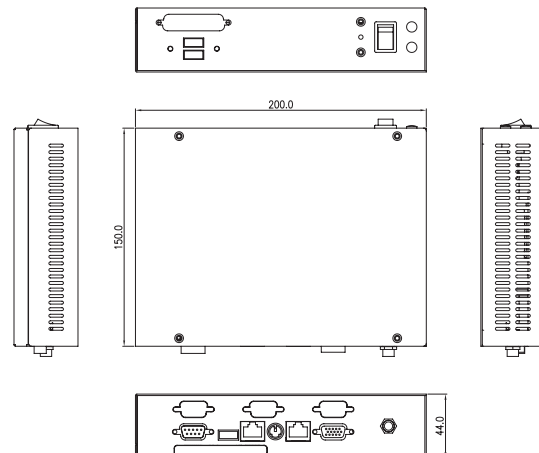
eBOX646-FL AC	Fanless embedded system with AMD Geode™ LX800 500 MHz processor, wall mount kit and 20W AC/DC adapter
eBOX646-FL-IO AC	Fanless embedded system with AMD Geode™ LX800 500 MHz processor, wall mount kit, 20W AC/DC adapter, optional for 1 LPT, audio or D/IO

Optional

DDR SO-DIMM	256 MB ~ 1 GB
CompactFlash™	256 MB or above
Cable kit	Digital I/O cable, print cable
Wall mount bracket	
Power cord	

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

Dimensions



Overview

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Embedded Systems

Embedded Systems for Transportation

Embedded Field Controllers

Industrial Firewall

Digital Signage Solutions

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Backplanes

Power Supplies

Peripherals & Accessories

