eBOX745-FL500

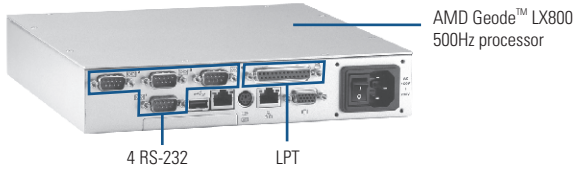
Fanless Embedded System with AMD Geode™ LX800 500 MHz Processor

▲ Front view

EN60950 IP40 Fanless Low Power

Features

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



▲ Rear view

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 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 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™
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°C ~ +122°C) (with W.T. HDD, AC PSU)
Storage Temperature	-20°C ~ +80°C (-4°C ~ +176°C)
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, EN60950 compliance
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

Power Protection

AC & DC Version
OVP (over voltage protection)
OLD (over load protection)
SCP (short circuit protection)

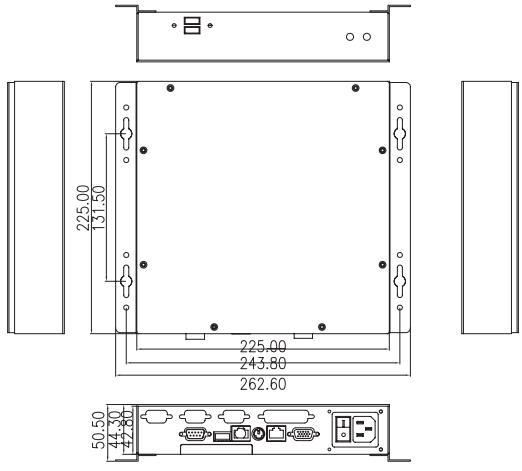
Ordering Information

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, 24VDC-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	24VDC-in, 12VDC-in
Power cord	
DIN-rail kit	

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

Dimensions



* All specifications and photos are subject to change without notice.