

eBOX745-FL500

Fanless Embedded System with AMD LX800 500MHz Processor

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Embedded Computing Platforms



Front view



Rear view

Specifications

Standard Color	Silver
Construction	Heavy-duty steel
CPU	AMD LX800 500MHz processor onboard
System Board	SBC84620VEA-500
System Memory	1 x 200-pin DDR SODIMM max. up to 1GB
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM SmartView and customer CMOS Backup
System I/O Outlet	3 x 9-pin D-Sub male connector, COM1, 2, 4 for RS232 1 x 9-pin D-Sub male connector, COM3 for RS485/422/232 1 x 15-pin D-Sub female connector for VGA 1 x PS/2 connector for KB/MS through Y-type cable 1 x RJ45 connector for 10/100Base-T Ethernet 1 x USB 2.0 connector 1 x VAC power input connector 1 x DB25 D-Sub female connector for printer port
Watchdog Timer	Reset supported; 600 level
Expansion Slot	1 x Type II CompactFlash™ slot
System Indicator	1 x green LED for system Power-on 1 x orange LED for HDD active
Power Supply	Input rating: 1. V _{ac} 100-240 universal/0.5A 2. V _{dc} 24V/4A 3. V _{dc} 48V/2A Output rating: 70W Output voltage: +5V _{dc} @ 10A, +12V _{dc} @ 1.2A, -12V _{dc} @ 0.3A
Operating temperature	-20°C to 50°C (w/ W.T. CF, AC P/S)
Storage temperature	-20°C to 80°C
Humidity	10-90% RH (no condensation)
Vibration endurance	2Grms w/ CF (5-500Hz, X, Y, Z directions)
Weight	2.15 kg
Certification	CE compliant
Dimension	225mm (8.86") (W) x 225mm (8.86") (D) x 51mm (2.01") (H)
Embedded OS	XPE, WinCE, Linux

*W.T.: Wide Temperature. All W.T. supported products have to be sorted by AXIOMTEK.
**XPE: Windows® XP Embedded

Features

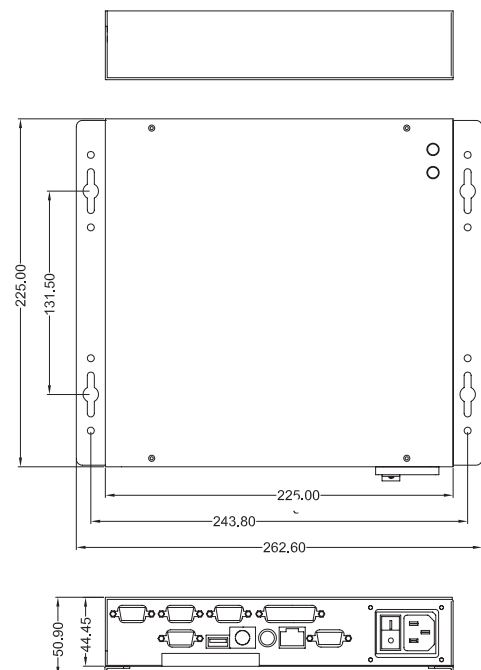


- ▶ Fanless operation
- ▶ AMD LX800 500MHz low voltage processor onboard
- ▶ High performance with extremely low power consumption
- ▶ Full feature I/O
- ▶ Supports CompactFlash™ Type II
- ▶ Watchdog Timer
- ▶ 70 watt AC-in or DC-in power supply
- ▶ Wall mount (DIN rail bracket optional)

Ordering Information

Standard	
eBOX745-FL500 DC	With AMD LX800 500 MHz processor, 256MB DDR SODIMM, 24VDC-in 70W (SBC84620VEA-500)
Optional	
CompactFlash™	256MB, 512MB, 1G, 2G
2.5" HDD	20G, 40G
Power Supply	48V _{dc} -in, 70 watt
DDR SODIMM	512M, 1G, 2G
DIN Rail Kit	DRP-02

Dimensions



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

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Embedded eBOX Systems & MicroBoxes

Power Supplies

Appendix