

# eBOX745A-EFL300

Fanless & Extended Temperature Embedded System with NS Geode Processor

9

Embedded Computing Platforms



Front view



Rear view

## Specifications

Standard Color	Silver
Construction	Heavy-duty steel
System Board	SBC84510VEE-300 (NS Geode 300MHz processor)
System Memory	256MB SDRAM SODIMM
System I/O Outlet	1 x 9-pin D-Sub Male connector, COM1 for RS232 1 x 9-pin D-Sub Male connector, COM2 for RS485/422/232 1 x 15-pin D-Sub female connector for VGA 1 x PS/2 connector for K/B and M/S through Y-Type cable 2 x RJ45 connector for 10/100Base-T Ethernet 1 x USB connector 1 x 25-pin D-Sub Female connector for LPT 1 x V <sub>AC</sub> 100-240 Power input connector
Watchdog Timer	0.5-1600 sec with 64 levels; system reset
Expansion Slot	1 x 2.5" HDD drive bay; 1 x Type I 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 <sub>AC</sub> 100-240 universal/0.5Amp 2. V <sub>DC</sub> 24V/4Amp. V <sub>DC</sub> 48V/2Amp Output rating: 70W Output voltage: +5V <sub>DC</sub> @10A, +12V <sub>DC</sub> @1.2A -12V <sub>DC</sub> @0.3A
Environmental	Operating temperature: -20°C to 60°C (w/ W.T. CF, AC P/S) -20°C to 50°C (w/ W.T. HDD, 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	2.15kg
Certification	CE
Dimensions	225mm (8.86")(W) x 225mm (8.86")(D) x 51mm (2.01")(H)
EOS Support	XPE, WinCE, Linux

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

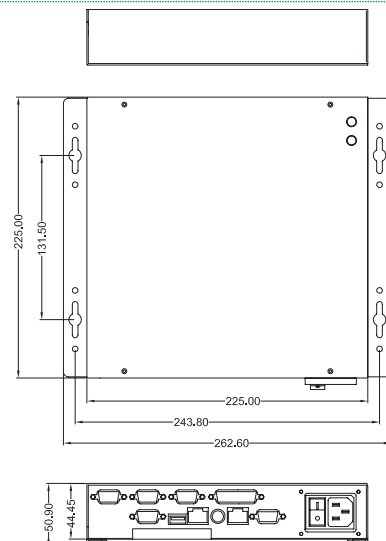
## Features

- ▶ Fanless operation
- ▶ Onboard ULP NS Geode processor
- ▶ High performance with extremely low power
- ▶ Full feature I/O
- ▶ Supports CompactFlash™ I
- ▶ One 2.5" HDD drive bay
- ▶ Watchdog Timer
- ▶ 70 watt AC-in or DC-in power supply
- ▶ Wall mount (DIN rail bracket optional)

## Ordering Information

Standard	
eBOX745A-EFL300 AC	With NS Geode 300MHz processor, 256MB SDRAM SODIMM, 24AC-in 70W (SBC84510VEE-300)
eBOX745A-EFL300 DC	With NS Geode 300MHz processor, 256MB SDRAM SODIMM, V <sub>DC</sub> -in 70W (SBC84510VEE-300)
Optional	
CompactFlash™	32M, 64M, 128M, 256M, 512M
2.5" HDD	20G, 40G
Power Supply	48V <sub>DC</sub> -in 70W
SDRAM SODIMM	512M
DIN Rail Kit	DRP-02

## Dimensions



ECP Services and Solutions

Computer-On-Modules Solutions

Mini ITX SBC

3.5" Capa Boards

EPIC Boards

5.25" Petit Boards & Accessories

Half-size CPU Cards, Backplanes

PC/104 Modules

Mini PCI Modules

Embedded eBOX Systems & MicroBoxes

Power Supplies

Appendix