

# eBOX738-FL

Fanless Embedded System with Intel® Pentium® M Processor up to 1.4GHz



Front view



Rear view

## Specifications

Standard Color	Silver
Construction	Aluminum die-casting and heavy-duty steel
System	SBC83810VEA
System Memory	1 x 184-pin DDR DIMM max. up to 1GB
System I/O Outlet	-3x 9-pin D-Sub male connector, COM1,3,4 for RS232 -1x 9-pin D-Sub male connector, COM2 for RS485/422/232 -1x 15-pin D-Sub female connector for VGA -1x 25-pin D-Sub female connector for LPT -1x PS/2 connector for K/B and M/S through Y-Type cable -2x RJ45 connector for 10/100Base-T Ethernet -2x USB connector -1x V <sub>AC</sub> 100-240 power input connector
Watchdog Timer	0.5~16 Reset supported; 600 level
Extension	1x 2.5" HDD drive bay 1x type II compact flash slot 1x PCMCIA slot (optional) through PC104+ module (AX10442I)
System Indicator	1x green LED for system power-on 1x orange LED for HDD active
Power Supply	Input rating: 1. V <sub>AC</sub> 100-240 universal/1Amp, 2. V <sub>DC</sub> 24V/5Amp. Output rating: 100 Watt, Output voltage: +5Vdc @10A, +12Vdc @3A
Environmental	Operating temperature: -25°C to 50°C Storage temperature: -25°C to +80°C Humidity: 10-90% RH (no condensation) Vibration endurance: 2Grms w/CF(5-500Hz, X, Y, Z directions) 0.5Grms w/HDD(5-500Hz, X, Y, Z directions)
Certification	CE
Dimensions	225mm x 275mm x 90mm (W x D x H)
EOS Support	XPE, WinCE, Linux

## Features



- ▶ Fanless operation
- ▶ Supports Intel® Celeron® M & Pentium® M processor
- ▶ Unique mechanical design for optional thermal solution
- ▶ High performance with extremely low power
- ▶ Full feature I/O
- ▶ Supports PC/104+, CompactFlash™
- ▶ PCMCIA slot support (optional) through PC/104+ module
- ▶ One LAN port (optional 2<sup>nd</sup> LAN thru USB)
- ▶ One 2.5" HDD drive bay
- ▶ Watchdog Timer
- ▶ 100watt AC-in or DC-in power supply
- ▶ Desktop or wall mount

## Ordering Information

Standard	
eBOX738-FL1.1G	Fanless embedded MicroBox system with Intel® Pentium® M 1.1GHz processor, AC-in 100watt
eBOX738-FL600	Fanless embedded MicroBox system with Intel® Celeron® M 600 MHz processor, AC-in 100watt
Optional	
Compact Flash™	32M,64M, 128M,256M,512M
2.5" HDD	20G,40G
DDR DIMM	256M,512M
PCMCIA Slot	AX10442 PC/104+ 32-bit card Bus carrier module

## Dimensions

