

eBOX738-FL

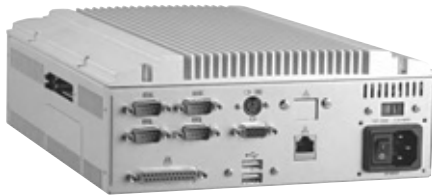
Fanless Embedded System with Intel® Pentium® M Processor up to 1.4GHz

9

Embedded Computing Platforms



Front view



Rear view

Specifications

Standard Color	Silver
Construction	Aluminum die-casting and heavy-duty steel
CPU	Intel® Pentium® M 1.4GHz/Intel® Pentium® M 1.1GHz/ Intel® Celeron® M 600MHz, 1GHz/0KB cache processor
System Board	SBC83810VEA
System Memory	1 x 184-pin DDR DIMM max. up to 1GB
System I/O Outlet	3 x 9-pin D-Sub male connector, COM 1, 3, 4 for RS232 1 x 9-pin D-Sub male connector, COM 2 for RS485/422/232 1 x 15-pin D-Sub female connector for VGA 1 x 25-pin D-Sub female connector for LPT 1 x PS/2 connector for K/B and M/S through Y-Type cable 2 x RJ45 connector for 10/100Base-T Ethernet 2 x USB 2.0 connector 1 x V _{ac} 100-240 power input connector
Watchdog Timer	0.5-16 Reset supported; 600 level
Expansion Slot	1 x 2.5" HDD drive bay 1 x type II CompactFlash™ slot 1 x PCMCIA slot (optional) through PCI104 module (AX10442)
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/1Amp 2. V _{dc} 24V/4Amp 3. V _{dc} 12V/8Amp Output rating: ATX 100Watt Output voltage: +5V _{dc} @10A, +12V _{dc} @5A, +5V _{sb} @0.8A
Operating temperature	-20°C to 50°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) 0.5Grms w/HDD(5-500Hz,X,Y,Z directions)
Weight	4.5kg
Certification	CE
Dimensions	225mm (8.86") (W) x 275mm (10.83") (D) x 90mm (3.54") (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

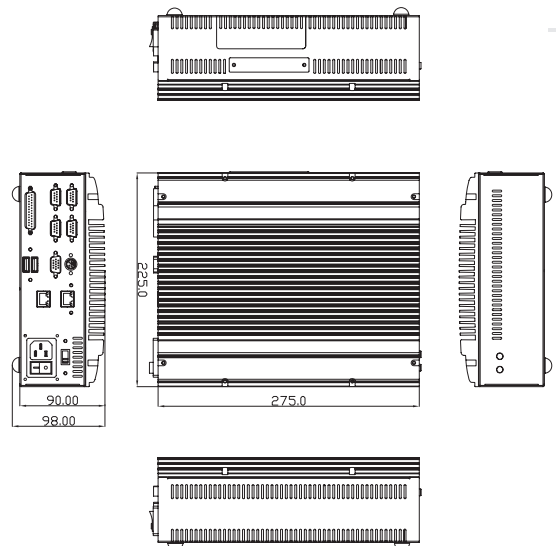
Features

- ▶ Fanless operation
- ▶ 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 PCI104, CompactFlash™ II
- ▶ PCMCIA slot support (optional) through PCI104 module
- ▶ One LAN port (optional 2nd 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-FL1.4G	With Intel® Pentium® M 1.4GHz processor, AC-in 100W power supply
eBOX738-FL1.1G	With Intel® Pentium® M 1.1GHz processor, AC-in 100W power supply
eBOX738-FL600	With Intel® Celeron® M 600MHz processor, AC-in 100W power supply
eBOX738-socket	With Intel® Pentium® M/Celeron® M socket type processor, AC-in 100W power supply
Optional	
CompactFlash™	32M, 64M, 128M, 256M, 512M, 1G, 2G
2.5" HDD	20G, 40G, 80G
DDR DIMM	256M, 512M, 1G
PCMCIA Slot	AX10442 PC/104+ 32-bit card Bus carrier module

Dimensions



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