

eBOX738-FL

Fanless Embedded System with Intel® Pentium® M Processor up to 1.4 GHz and Intel® 855GME/852GM+6300ESB Chipset



Front view



Rear view

Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty cold-rolled steel
CPU	Socket 478 for Intel® Celeron® M 600 MHz/ Celeron® M 1.0 GHz/OK/Celeron® M 1.5 GHz/ Pentium® M 1.1 GHz/Pentium® M 1.4 GHz
System Memory	1 x 184-pin DDR DIMM max. up to 1GB
Chipset	Intel® 855GME/852GM+6300ESB
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and Customer CMOS backup
System I/O Outlet	3 x RS-232 (COM 1/3/4) 1 x RS-232/422/485 (COM 2) 1 x VGA 1 x LPT 1 x PS/2 keyboard/mouse 1 x 10/100Mbps Ethernet 2 x USB 2.0 1 x Vdc power input terminal block (DC version) 1 x VAC power input connector (AC version)
Watchdog Timer	1024 levels
Storage	Supports 1 x 2.5" IDE (default)/SATA HDD drive bay Supports 1 x CompactFlash™
Expansion Interface	1 x PCI104 slot optional for AX1044 PCMCIA card
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	* AC ATX 110W Input: 110-264VAC Output: +5V@6A, -5C@0.1A, +12V@3.5A, -12V@0.5A, +5Vsb@1.5A * DC ATX 100W Input: 12Vdc Output: +5V@10A, +12V@5A, +5Vsb@0.8A * DC ATX 100W Input: 24Vdc Output: +5V@10A, +12V@5A, +5Vsb@0.8A
Operating Temperature	-20° C ~ +50° C (-4° F ~ +122° F) (with W.T. HDD, AC PSU) -20° C ~ +45° C (-4° F ~ +113° F) (with W.T. HDD, AC PSU)
Storage Temperature	-20° C ~ +80° C (-4° F ~ +176° F)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	2Grms with CF (5-500Hz, X, Y, Z directions) 0.5Grms with HDD (5-500Hz, X, Y, Z directions)
Dimensions	225mm (8.86") (W) x 275mm (10.83") (D) x 90mm (3.54") (H)
Weight (net/gross)	4.5 kg (9.92 lb)/5 kg (11.02 lb)
Certification	CE
EOS Support	XPE, WinCE, Linux

*W.T.: Wide Temperature. All W.T. supported products have to be sorted by AXIOMTEK.

**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 Foot pad, 1 x Power adapter, 2 x Wall mount kit

Features



- Fanless operation
- Supports socket 478 for Intel® Celeron® M & Pentium® M processor up to 1.4 GHz
- Intel® 855GME/852GM+6300ESB chipset
- Unique mechanical design for optional thermal solution
- High performance with extremely low power
- Full feature I/O
- Supports CompactFlash™
- Optional PCMCIA slot
- One 2.5" SATA/IDE HDD drive bay
- 100 watt AC-in or DC-in power supply

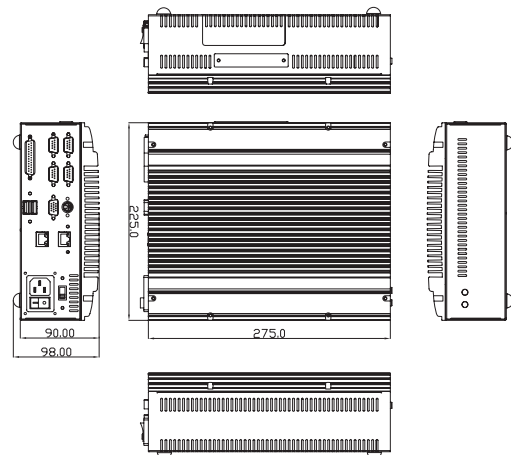
Ordering Information

Standard	
eBOX738-FL1.4G	Fanless embedded system with Intel® Pentium® M 1.4 GHz processor, AC-in 100W P/S
eBOX738-FL1.1G	Fanless embedded system with Intel® Pentium® M 1.1 GHz processor, AC-in 100W P/S
eBOX738-FL600	Fanless embedded system with Intel® Celeron® M 600 MHz processor, AC-in 100W P/S
Optional	
CompactFlash™	32MB ~ 2GB
2.5" HDD	40GB ~ 160GB
DDR DIMM	256MB ~ 1GB
PCMCIA	AX10442 PC/104+ 32-bit card bus carrier module
E.T. support	eBOX738-FLS extended temperature sorting version

Power cord

*Specifications and certifications are limited to optional.

Dimensions



Embedded Systems

Embedded Field Controllers

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Industrial Workstations

Backplanes

Power Supplies

Peripherals & Accessories