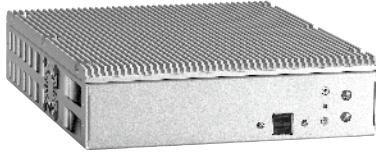


# eBOX748-FL

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



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/0 K/Pentium® M 1.4 GHz
System Memory	1 x 200-pin DDR SODIMM max. up to 1 GB
Chipset	Intel® 852GM+ICH4
BIOS	Phoenix-Award 4 Mbit with RPL/PXE LAN Boot ROM, SmartView and Customer CMOS backup
System I/O Outlet	1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1) 1 x VGA 1 x DVI-D (optional) 1 x Audio (Mic-in/Line-in/Line-out) 1 x LPT 1 x PS/2 keyboard/mouse 1 x 10/100Mbps Ethernet 4 x USB 2.0 1 x dummy-proof reset button 1 x Vdc power input terminal block (DC version) 1 x Vac power input connector (AC version)
Watchdog Timer	255 levels, 0 ~ 255 sec.
Storage	Supports 1 x 2.5" IDE HDD drive bay Supports 1 x CompactFlash™
Expansion Interface	1 x MiniPCI type-III socket (through optional ECX board)
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	* AC ATX 80W Input: 100 ~ 240VAC Output: +5V @ 8A, +12V @ 3A, +5Vsb @ 0.75A * DC AT 72W Input: 10 ~ 34Vdc Output: +5V @ 10A, +12V @ 1.5A, -12V @ 0.3A
Operating Temperature	-10° C ~ +50° C (14° F ~ 122° F) (with W.T. HDD, DC PSU) -10° C ~ +45° C (14° F ~ 113° F) (with W.T. HDD, DC PSU)
Storage Temperature	-20° C ~ +80° C (-4° F ~ +176° F)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	2 Grms with CF (5 ~ 500 Hz, X, Y, Z directions) 1.5 Grms with HDD (5 ~ 500 Hz, X, Y, Z directions)
Dimensions	205 mm (8.07") (W) x 250 mm (9.84") (D) x 56 mm (2.2") (H)
Weight (net/gross)	2.84 kg (6.26 lb)/4.1 kg (9.04 lb)
Certification	CE
EOS Support	XPE, WinCE, Linux

\* 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, 4 x HDD anti-vibration damper, 2 x wall mount kit

## Features



- Fanless operation
- Supports socket 478 for Intel® Celeron® M/ Pentium® M processor up to 1.4 GHz
- Intel® 852GM+ICH4 chipset
- High performance with extremely low power
- Full feature I/O
- Flexible bracket for customization
- Reset button
- Supports CompactFlash™
- One 2.5" IDE HDD drive bay
- 80 watt AC-in or 70 watt DC-in power supply

## Ordering Information

Standard	
eBOX748-FL600 AC	Fanless embedded system with Intel® Celeron® M 600 MHz processor, AC-in ATX 80W P/S
eBOX748-FVL1.0AC	Fanless and ventilationless embedded system with Intel® Celeron® M 1.0 GHz processor, AC-in ATX 80W P/S
eBOX748-FL1.4 AC	Fanless embedded system with Intel® Pentium® M 1.4 GHz processor, AC-in ATX 80W P/S
Optional	
2.5" HDD	40 GB ~ 512 GB
WIFI	MiniPCI Wireless LAN module
DDR SODIMM	256 MB ~ 1 GB
CompactFlash™	32 MB ~ 2 GB
AX93210	DVI-D module
AX93200	COM port module
Power Supply	10 ~ 34Vdc-in
Power cord	
E.T. support	eBOX748-FLS extended temperature support version

\*Specifications and certifications are limited to optional.

## Dimensions

