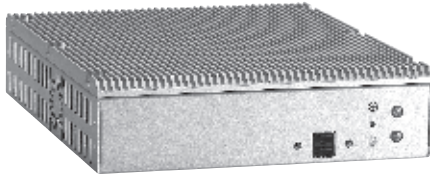


eBOX748-FL

Fanless Embedded System with Intel® Pentium® M Processor up to 1.4 GHz and Intel® 852GM+ICH4 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/0K/Pentium® M 1.4 GHz
System Memory	1 x 200-pin DDR SODIMM max. up to 1GB
Chipset	Intel® 852GM+ICH4
BIOS	Phoenix-Award 4Mbit 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 (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
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	2Grms w/ CF (5~500Hz, X, Y, Z directions) 1.5Grms w/ HDD (5~500Hz, X, Y, Z directions)
Dimensions	205mm (8.07") (W) x 250mm (9.84") (D) x 56mm (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

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

Features



- ▶ Fanless operation
- ▶ Supports socket 478 for Intel® Celeron® M/ Pentium® M processor up to 1.4 GHz onboard
- ▶ 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
- ▶ Watchdog timer
- ▶ 80 Watt AC-in or 70 Watt DC-in power supply
- ▶ Options: Wireless LAN, DVI function, 8 COM

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 ATX80W P/S
eBOX748-FL1.4 AC	Fanless embedded system with Intel® Pentium® M 1.4 GHz processor, AC-in ATX 80W P/S
Optional	
WIFI	MiniPCI Wireless LAN module
AX93210	DVI-D module
AX93200	COM port module
CompactFlash™	32MB, 64MB, 128MB, 256MB, 512MB, 1GB
2.5" HDD	40GB ~ 160GB
Power Supply	10 ~ 34Vdc-in
DDR SODIMM	256MB, 512MB, 1GB
E.T. support	eBOX748-FLS extended temperature support version

*Specifications and certifications are limited to optional.

Dimensions

