

eBOX748-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
CPU	LV Intel® Pentium® M 1.4GHz/ULV Intel® Celeron® M 1G/600MHz processor
System Board	SBC84810VEA
System Memory	200 pin DDR SODIMM max. up to 1GB
System I/O Outlet	1 x 9-pin D-Sub Male connector, COM1 for RS232 1 x 9-pin D-Sub Male connector, COM2 for RS485/422/232 1 x 15-pin D-Sub female connector for VGA 1 x PS/2 connector for K/B and M/S through Y-Type cable 1 x RJ45 connector for 10/100Base-T Ethernet 4 x USB 2.0 connector 1 x V _{ac} 100-240 Power input connector or DC input terminal block 1 x Audio connector 1 x reset button Option I/O Block 1 x 25-pin D-Sub Female connector for LPT 2 x 9-pin D-Sub Male connector, COM3, 4 for RS232 1 x DVI connector 1 x Wireless hole (optional wifi function)
Watchdog Timer	Reset supported; 255 levels
Expansion Slot	1 x 2.5" HDD drive bay 1 x type II CompactFlash™ slot
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	1. Input rating: V _{ac} 100-240 Auto Output rating: ATX 80 Watt +5V _{dc} @ 8A, +12V _{dc} @ 3A, 5V _{sb} @ 0.75A 2. Input requirement: V _{dc} 10V~30V Output rating: ATX 70 Watt +5V _{dc} @ 10A, +2V _{dc} @ 1.5A -12V _{dc} @ 0.3A
Operating temperature	-20°C to 50°C, w/ W.T. HDD, AC P/S -10°C to 50°C, w/ W.T. HDD, DC P/S
Storage temperature	-20°C to 80°C
Humidity	10-90% RH (no condensation)
Vibration endurance	2Grms (5-500Hz) random operation w/ CF 1Grms (5-500Hz) random operation w/ HDD
Weight	2.84kg (w/o HDD)
Certification	CE
Dimensions	205mm (8.07") (W) x 250mm (8.86") (D) x 56mm (2.2") (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
- ▶ Onboard Intel® Celeron® M/Pentium® M processor
- ▶ High performance with extremely low power
- ▶ Full feature I/O
- ▶ Flexible Block for customization
- ▶ Reset button
- ▶ Supports CompactFlash™ II
- ▶ One 2.5" HDD drive bay
- ▶ Watchdog Timer
- ▶ 80 Watt AC-in or 70 Watt DC-in power supply
- ▶ Options: Wireless LAN, DVI function, 4 x COM

Ordering Information

Standard	
eBOX748-FL600 AC	With Intel® Celeron® M 600MHz processor, AC-in ATX 80W power supply
eBOX748-FL1.4 AC	With Intel® Pentium® M 1.4GHz processor, AC-in ATX 80W power supply
Optional	
AX92201	Mini PCI Wireless LAN module
AX93210	DVI module
AX93200	COM port module
CompactFlash™	32M, 64M, 128M, 256M, 512M, 1GB
2.5" HDD	40G, 60G, 80G
DDR	256M, 512M, 1G

Dimensions

