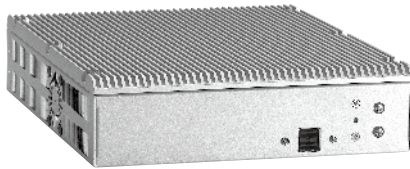


eBOX748-820-FL

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



Front view



Rear view



Features

- Fanless operation
- Supports socket 478 for Intel® Celeron® M/ Pentium® M processor up to 1.4 GHz
- Intel® 915GME/910GML+ICH6M chipset
- High performance DDR2 SODIMM
- Full feature I/O
- Flexible I/O bracket for customization
- Reset button
- Supports CompactFlash™
- One 2.5" SATA HDD drive bay
- 80 watt AC-in or 70 watt DC-in power supply

Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty cold-rolled steel
CPU	Socket 478 for Intel® Celeron® M 1.0 GHz/Pentium® M 1.4 GHz
System Memory	1 x 200-pin DDR2 SODIMM max. up to 1 GB
Chipset	Intel® 915GM/910GML+ICH6M
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 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" SATA 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: 90 ~ 264Vac Output: +5V @ 5A, +12V @ 1.5A, +5Vsb @ 0.75A, +3.3V @ 4A, -12V @ 0.5A * DC ATX 70W Input: 9 ~ 32Vdc Output: +5V @ 8A, +12V @ 3A, -12V @ 0.5A, +3.3V @ 6A +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	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

Ordering Information

Standard	
eBOX748-820-FL1G AC	Fanless embedded system with Intel® Celeron® M 1 GHz/512 KB processor, AC-in ATX 80W P/S
eBOX748-820-FL1G DC	Fanless embedded system with Intel® Celeron® M 1 GHz/512 KB processor, DC-in AT 70W P/S
Optional	
AX93222 w/ DVI-D	Supports extra DVI-D connector for dual output
AX93222 w/ VGA	Supports extra VGA connector for dual output
CompactFlash™	256 MB ~ 8 GB
2.5" HDD	40 GB ~ 512 GB
Power supply	9 ~ 32Vdc-in
Power cord	
DDR2 SODIMM	256 MB ~ 1 GB
WIFI	MiniPCI wireless LAN module

*Specifications and certifications are limited to optional.

Dimensions

