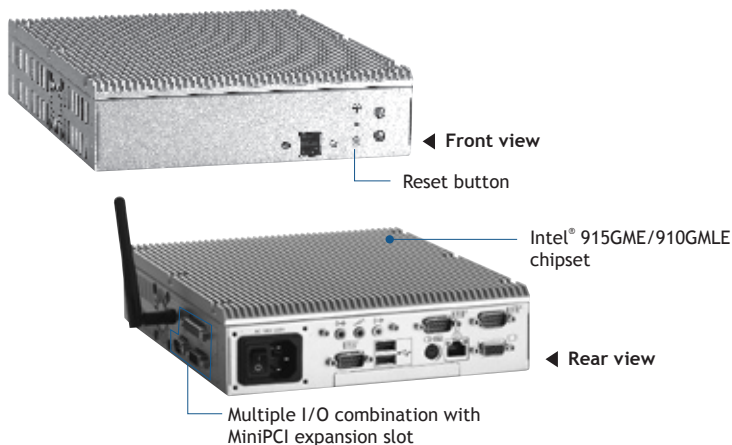


eBOX748-820-FL

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



Features

- Fanless operation
- Supports socket 478 for Intel® Celeron® M/ Pentium® M processor up to 1.4 GHz
- Intel® 915GME/910GMLE + 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, IP3X
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® 915GME/910GMLE + 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, 1 - 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

Power Protection

AC Version

OLD (over load protection) SCP (short circuit protection)

DC Version

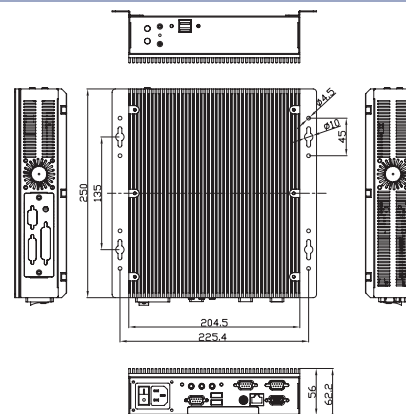
OVP (over voltage protection) OLD (over load protection)
SCP (short circuit protection)

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
2.5" SATA HDD	40 GB or above
DDR2 SODIMM	256 MB ~ 1 GB
CompactFlash™	256 MB or above
Power supply	9 - 32Vdc-in
Power cord	
WIFI	MiniPCI wireless LAN module

*Specifications and certifications are based on options and may vary.

Dimensions



* All specifications and photos are subject to change without notice.
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Embedded Systems

Embedded Field Controllers

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Industrial Workstations

Backplanes

Power Supplies

Peripherals & Accessories