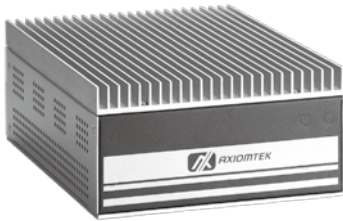


# eBOX640-822-FL

Fanless Embedded System with Intel® Pentium® M Processor  
up to 2.0 GHz



Front view



Rear view

## Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty cold-rolled steel
CPU	Socket 478 for Intel® Celeron® M 1.0 GHz/0K/ Pentium® M/Celeron® M up to 2.0 GHz
System Memory	2 x 240-pin DDR2 DIMM max. up to 2 GB
Chipset	Intel® 910GML+ICH6M
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and Customer CMOS backup
System I/O Outlet	6 x RS-232 (COM 1-6) 1 x VGA 1 x Audio (Mic-in/Line-out) 1 x PS/2 keyboard 1 x PS/2 mouse 2 x 10/100/1000Mbps Ethernet 6 x USB 2.0 1 x V <sub>bc</sub> power input connector
Watchdog Timer	255 levels, 1 - 255 sec.
Storage	Supports 1 x 2.5" SATA HDD drive bay Supports 1 x USB DiskOnModule
Expansion Interface	N/A
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	DC ATX 107W Input: 16 - 28Vdc Output: +3.3V @ 6A, +5V @ 9A, +12V @ 3A, -12V @ 0.1A, +5Vsb @ 1A
Operating Temperature	-10°C - +50°C (14°F - 122°F) (with C-M 1 GHz CPU, W.T. HDD, DC PSU) -10°C - +45°C (14°F - 113°F) (with P-M 2.0 GHz CPU, W.T. HDD, DC PSU)
Storage Temperature	-20°C - +80°C (-4°F - +176°F)
Humidity	10% - 90%, non-condensing
Vibration Endurance	1 Grms with HDD (5 - 500 Hz, X, Y, Z directions)
Dimensions	182 mm (7.17") (W) x 230 mm (9.06") (D) x 89 mm (3.5") (H)
Weight (net/gross)	3.1 kg (6.83 lb)/3.8 kg (8.38 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
1 x power adapter

## Features



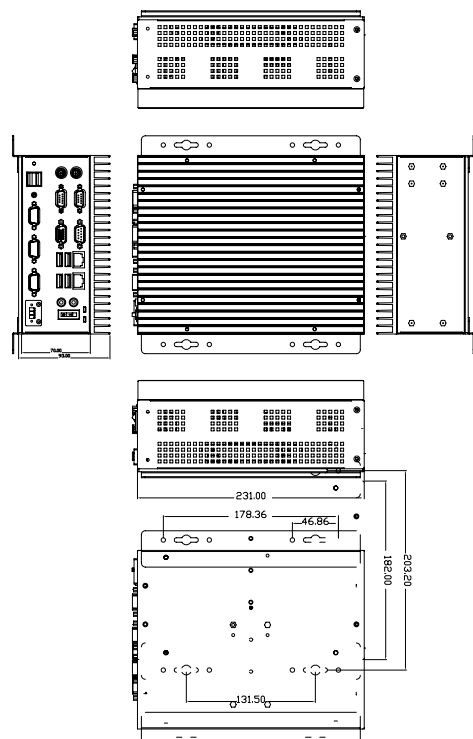
- Fanless operation design with full I/O features
- Socket 478 for Intel® Celeron® M/Pentium® M processor up to 2.0 GHz onboard
- Intel® 910GML+ICH6M chipset
- High performance DDR2 DIMM max. up to 2 GB
- One 2.5" SATA HDD drive bay
- ATX 107W 16V - 28V DC-in power supply

## Ordering Information

Standard	
eBOX640-822-1GE-FL	Fanless embedded system with Intel® Celeron® M 1 GHz/0K processor, DC-in ATX 107W P/S
eBOX640-822-FL	Fanless embedded system with socket 478 -socket DC Intel® processor, DC-in ATX 107W P/S
Optional	
2.5" HDD	40 GB - 160 GB
DDR2 DIMM	512 MB - 2 GB
AX93133	RS-232 to RS-232/422/485 module
90W AC/DC power kit	
Wall mount kit	
Power cord	

\*Specifications and certifications are limited to optional.

## 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