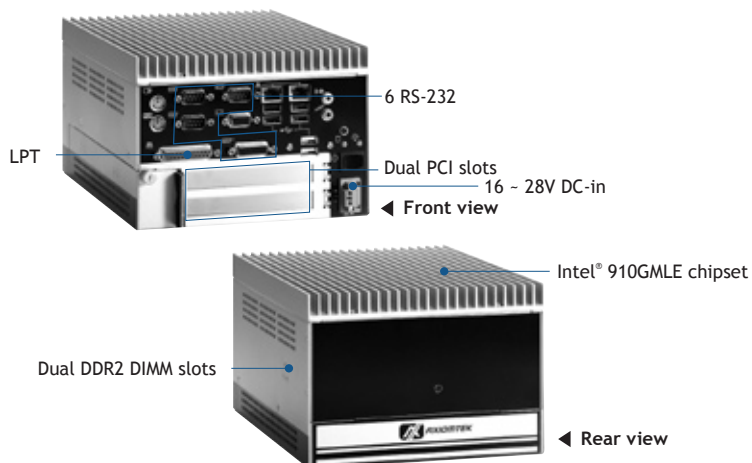


# eBOX639-822-FL

Fanless Embedded System with Intel® Pentium® M Processor  
up to 2.0 GHz and 2 PCI Slots



Fanless

Low Power

## Features

- Fanless Design with full feature I/O
- Supports socket 478 for Intel® Celeron® M/ Pentium® M processor up to 2.0 GHz
- Intel® 910GML + ICH6M chipset
- Supports dual 32 bit/33 MHz PCI slots
- High performance DDR2 DIMM max. up to 2 GB
- One 2.5" SATA HDD drive bay
- ATX 107W 16V ~ 28VDC-in power supply

## 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, COM 4-6 through 26-pin high density connector) 1 x VGA 1 x Audio (Mic-in/Line-out) 1 x LPT 1 x PS/2 keyboard 1 x PS/2 mouse 2 x 10/100/1000Mbps Ethernet 6 x USB 2.0 1 x Vdc power input connector (DC version) 1 x screw lock adapter connector (AC version)
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	Supports 1 x 2.5" SATA (default) /IDE HDD drive bay
Expansion Interface	2 x 32 bit/33 MHz PCI slot, support max. length of 200 mm of PCB boards expansion
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 ~ 500Hz, X, Y, Z directions)
Dimensions	182 mm (7.17") (W) x 230 mm (9.06") (D) x 130.8 mm (5.15") (H)
Weight (net/gross)	4.1 kg (9.03 lb)/4.8 kg (10.58 lb)
Certification	CE
EOS Support	XPE, WinCE, Linux

\* XPE: Windows® XP Embedded

## Packing List

1 x quick manual, 1 x driver CD, 1 x screw pack, 4 x foot pad,  
4 x HDD anti-vibration damper, 1 x high-density COM 4-COM 6 cable

## Ordering Information

Standard	
eBOX639-822-1GE-FL DC	Fanless embedded system with Intel® Celeron® M 373 1 GHz/0KB processor, DC-in ATX 107W P/S
eBOX639-822-FL DC	Fanless embedded system with Intel® socket type processor, DC-in ATX 107W P/S
Optional	
2.5" SATA HDD	40 GB or above
DDR2 DIMM	512 MB ~ 2 GB
90W AC/DC power kit	
Power cord	
Wall mount bracket	

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

## Dimensions

