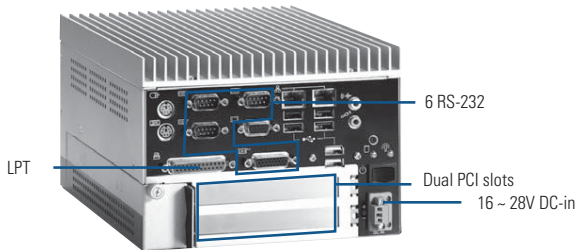


# eBOX639-822-FL

Fanless Embedded System Featuring  
Socket 478 Intel® Pentium® M Processor  
up to 2.0 GHz and 2 PCI Slots



▲ Front view



## Specifications

Standard Color	Silve-Black
Construction	Aluminum extrusion and heavy-duty cold-rolled steel, IP30
CPU	Socket 478 for Intel® Celeron® M 1.0 GHz/OK/ 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 (Realtek RTL8111B) 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	1 x 2.5" SATA HDD drive bay
Expansion Interface	2 x 32 bit/33 MHz PCI slots, 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°C ~ 122°C) (with C-M 1 GHz CPU, W.T. HDD, DC PSU) -10°C ~ +45°C (14°C ~ 113°C) (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, WES

- \* XPE: Windows® XP Embedded
- \* WES: Windows® XP Embedded Standard
- \* WES7: Windows® XP Embedded Standard 7
- \* WES8: Windows® XP Embedded Standard 8

## 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  
1 x DC-in connector

## Features

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



▲ Rear view

## Power Protection

### AC Version

OVP (over voltage protection)  
OCP (over current protection)  
SCP (short circuit protection)

### DC Version

OCP (over current protection)  
SCP (short circuit protection)

## Ordering Information

### Standard

eBOX639-822-1GE-FL DC Fanless embedded system with Intel® Celeron® M 373  
1 GHz/OKB processor, DC-in ATX 107W P/S

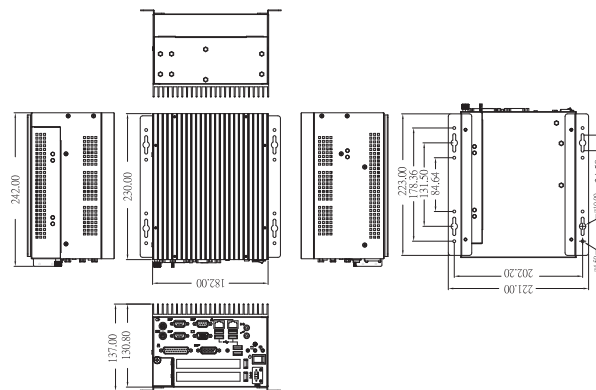
eBOX639-822-FL DC Fanless embedded system with Intel® socket 478 processor,  
DC-in ATX 107W P/S

### Optional

2.5" SATA HDD 40 GB or above  
2.5" SATA SSD 4 GB or above  
DDR2 DIMM 512 MB ~ 2 GB  
AC power kit  
Power cord  
Wall mount bracket

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

## Dimensions



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