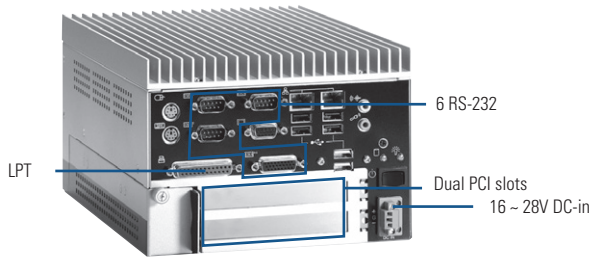


eBOX639-822-FL

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/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 (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

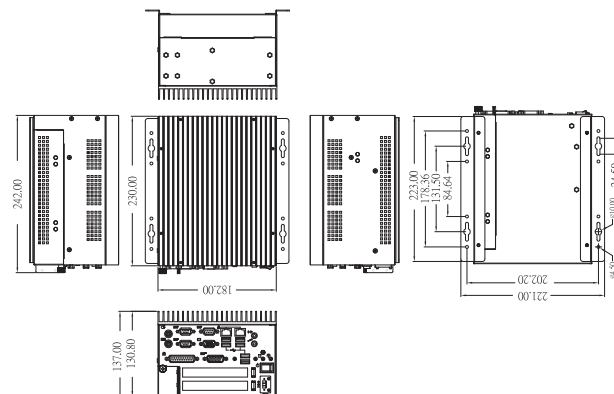
eBOX639-822-1GE-FL DC	Fanless embedded system with Intel® Celeron® M 373 1 GHz/0KB processor, DC-in ATX 107W P/S
eBOX639-822-FL DC	Fanless embedded system with Intel® socket 478 processor, DC-in ATX 107W P/S

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.