

# eBOX830-822-FL

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



## Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP30
CPU	Socket 478 for Intel® Pentium® M or Celeron® M processor up to 2.0 GHz with FSB 400 MHz
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) 2 x keyboard/mouse 2 x 10/100/1000Mbps Ethernet 6 x USB 2.0
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" SATA HDD drive bay
Expansion Interface	1 x PCI slot (Supports max. length of 185 mm of PCB boards expansion or 1 optical drive)
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	AC 90 ~ 264V, 120W power supply
Operating Temperature	0°C ~ +45°C (32°F ~ 113°F) (with W.T. HDD)
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	300 mm (11.81") (W) x 210 mm (8.27") (D) x 104.5 mm (4.11") (H)
Weight (net/gross)	6.3 kg (13.89 lb)/8 kg (17.64 lb)
Certification	CE, EN60950 compliance
EOS Support	XPE, WinCE, Linux

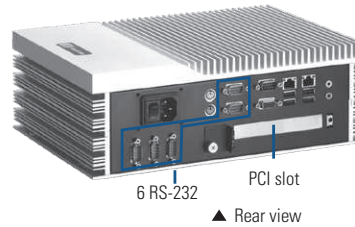
\* XPE: Windows® XP Embedded

## Packing List

- 1 x quick manual
- 1 x driver CD
- 1 x screw pack
- 4 x foot pad
- 4 x HDD anti-vibration damper

## Features

- Socket 478 for Intel® Pentium® M or Celeron® M processor up to 2 GHz
- Intel® 910GML + ICH6M chipset
- Full feature I/O
- Supports 1 PCI slot
- Supports 6 USB 2.0 ports and 6 COM ports
- Supports dual 10/100/1000Mbps Ethernet ports
- One 2.5" SATA HDD drive bay



## Power Protection

### AC Version

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

## Ordering Information

### Standard

eBOX830-822-FL	Fanless embedded system supports socket 478 for Intel® Pentium® M or Celeron® M processor 6 RS-232, 6 USB and PCI slot, AC-in ATX 120W P/S
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### Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR2 DIMM	256 MB ~ 2 GB
Power cord	

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

## Dimensions

