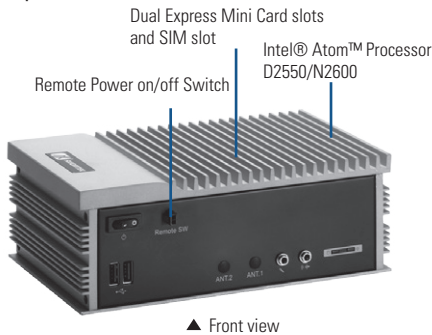


# eBOX622-830-FL

Fanless Embedded System with Intel® Atom™ Processor N2600 1.6 GHz or D2550 1.86 GHz, HDMI, VGA, 2 GbE LAN, 6 USB, 6 COM ports



▲ Front view



## Specifications

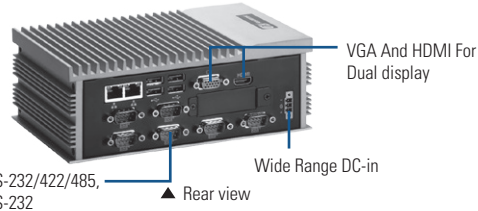
Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ processor N2600 1.6 GHz dual core/ D2550 1.86 GHz dual core
System Memory	1 x 204-pin DDR3 SO-DIMM N2600 supports DDR3-800 MHz max. up to 2 GB D2550 supports DDR3-800/1066 MHz max. up to 4 GB
Chipset	Intel® NM10
BIOS	AMI
System I/O Outlet	3 x RS-232/422/485 (COM1/3/4) 3 x RS-232 (COM2/5/6) 1 x VGA 1 x HDMI 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet (Intel® 82583V) 6 x USB 2.0 1 x VDC power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CFast™ slot 1 x mSATA
Expansion Interface	2 x PCI Express Mini Card slots (USB + PCI Express signal) 1 x SIM slot
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	42.5W 9~34VDC
Operating Temperature	-20°C ~ +60°C (-4°F ~ +140°F) (with 1.86 GHz CPU, W.T. HDD)
Storage Temperature	-30°C ~ +80°C (-22°F ~ +176°F)
Humidity	10%~90% , non-condensing
Vibration Endurance	3 Grms with CF (5-500Hz, X, Y, Z directions)
Dimensions	200 mm (7.87") (W) x 120 mm (4.72") (D) x 75 mm (2.95") (H)
Weight (net/gross)	1.9 kg (4.19 lb)/ 2.7 kg (5.95 lb)
Certification	CE
EOS Support	WES7

## Packing List

- 1 x quick manual
- 1 x driver cd
- 1 x screw pack
- 2 x CF Mylar
- 1 x HDD Mylar
- 4 x foot pad

## Features

- Intel® Atom™ D2550 1.86 GHz or Intel® Atom™ N2600 1.6 GHz
- 204-pin DDR3-800/1066 SO-DIMM max. up to 4 GB
- Supports Jumbo Frame (9k), WoL, PXE Remote Boot
- 3 RS-232/422/485, 3 RS-232 ports
- One 2.5" SATA drive bay, CFast™, mSATA supported
- Supports VGA and HDMI dual display



▲ Rear view

## Power Protection

- OVP (over voltage protection)
- OCV (over current protection)
- SCP (short circuit protection)

## Ordering Information

### Standard

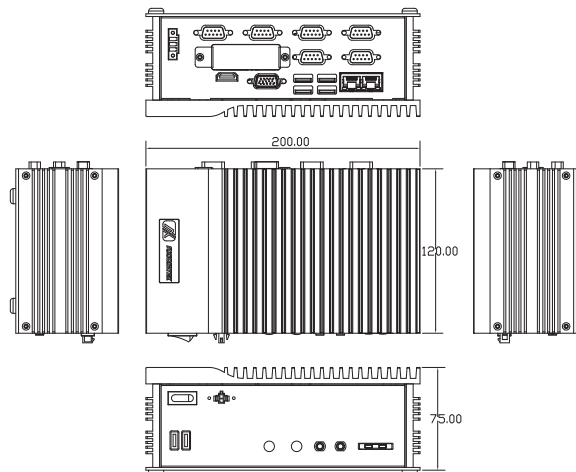
- eBOX622-830-FL-D2550- NP Fanless embedded system with Intel® Atom™ D2550 1.86 GHz dual core processor, VGA, HDMI, 2 GbE LAN, 6 USB, 6 COM ports and wide-range DC-in
- eBOX622-830-FL-N2600- NP Fanless embedded system with Intel® Atom™ N2600 1.6 GHz dual core processor, VGA, HDMI, 2 GbE LAN, 6 USB, 6 COM ports and wide-range DC-in

### Optional

- 2.5" SATA HDD 40 GB or above
- DDR3 SO-DIMM 1 GB ~ 4 GB (regarding to CPU model)
- CFast™ 512 MB or above
- Wi-Fi module
- 3G module
- GPS module
- Wall mount kit
- Din-rail kit
- VESA mount kit

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

## Dimensions



Overview

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Embedded Systems

Embedded Systems for Transportation

Embedded Field Controllers

Industrial Firewall

Digital Signage Solutions

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Backplanes

Power Supplies

Peripherals & Accessories