

# eBOX623-831-FL

Fanless Embedded System with Intel® Atom™ Processor N2600 1.6 GHz or D2550 1.86 GHz, VGA and DisplayPort, 2 LAN, 6 USB and 4 COM

**NEW**



▲ 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 800MHz max. up to 2 GB; D2550 supports DDR3 1066/1333MHz max. up to 4 GB)
Chipset	Intel® NM10
BIOS	AMI
System I/O Outlet	2 x RS-232/422/485 (COM 1/2) 2 x RS-232 (COM 3/4) 1 x VGA 1 x DisplayPort 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet 6 x USB 2.0 2 x SMA type connector opening for antenna 1 x VDC 12V power input connector
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CFast™
Expansion Interface	1 x PCI Express Mini Card (USB + PCI Express signal)
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Input AC 90-264V, AC 60W adapter with lock Output: DC 12V@5A
Operating Temperature	-10 °C ~ +60 °C (14 °F ~ 140 °F) (With W.T. SSD/DRAM, D2550)
Storage Temperature	-20 °C ~ +80 °C (-4 °F ~ +176 °F)
Humidity	10% ~ 90% , non-condensing
Vibration Endurance	3 Grms w/ CFast™ (5-500Hz, X, Y, Z directions)
Dimensions	200 mm (7.87") (W) x 120 mm (4.72") (D) x 56 mm (2.2") (H)
Weight (net/gross)	1.98 kg (4.36 lb)/2.6 kg (5.73 lb)
Certification	CE
EOS Support	XPE, WES, Win7 embedded, Linux

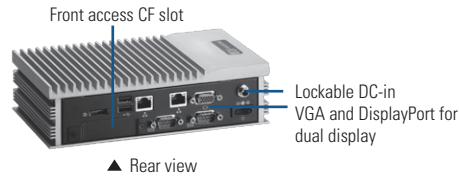
\* XPE: Windows® XP Embedded

## Packing List

- 1 x quick manual
- 1 x driver cd
- 1 x screw pack
- 4 x foot pad
- 1 x power adapter
- 1 x power cord

## Features

- Intel® Atom™ Cedarview processor N2600 1.6 GHz dual core/ D2550 1.86 GHz dual core
- Intel® NM10 chipset
- Fanless operation design with full feature I/O
- High performance 204-pin DDR3-1066/1333 SO-DIMM max. up to 4 GB
- 1 2.5" SATA drive bay and 1 CFast™ slot
- Supports VGA and DisplayPort dual display



▲ Rear view

## Power Protection

### AC Version

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

## Ordering Information

### Standard

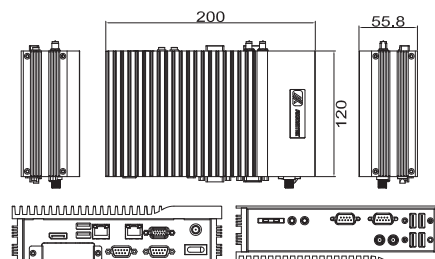
eBOX623-831-FL-D2550-US	Fanless embedded system with Intel® Atom™ processor D2550 1.86 GHz, VGA, DisplayPort, 2 10/100/1000Mbps Ethernet, 6 USB, 4 COM, 60W AC/DC adapter, US power cord
eBOX623-831-FL-D2550-EU	Fanless embedded system with Intel® Atom™ processor D2550 1.86 GHz, VGA, DisplayPort, 2 10/100/1000Mbps Ethernet, 6 USB, 4 COM, 60W AC/DC adapter, EU power cord
eBOX623-831-FL-N2600-US	Fanless embedded system with Intel® Atom™ processor N2600 1.6 GHz, VGA, DisplayPort, 2 10/100/1000Mbps Ethernet, 6 USB, 4 COM, 60W AC/DC adapter, US power cord
eBOX623-831-FL-N2600-EU	Fanless embedded system with Intel® Atom™ processor N2600 1.6 GHz, VGA, DisplayPort, 2 10/100/1000Mbps Ethernet, 6 USB, 4 COM, 60W AC/DC adapter, EU power cord

### Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR3 SODIMM	1 GB ~ 4 GB (regarding to CPU model)
CFast™	512 MB or above
Wifi+Bluetooth	
USB Wifi	
GPS module	
Graphic accelerator	
codec module	
Wall mount kit	
Din rail kit	
VESA mount kit	
Power cord	

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

## Dimensions



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