

# SBOX-2170

Intel Cedarview Atom D2550 Dual Core 1.86GHz CPU with Dual GbE LAN / DVI-I / 3 x RS-232 / DC 9-36V Input Fanless Box PC



## Features

- Intel Cedarview Atom D2550 Dual Core 1.86GHz
- Dual Display Output (VGA and DVI-D)
- Support Embedded OS (Windows 7 and Linux)
- Dual Gigabit Ethernet and 3 x RS-232
- Wide Range Operating Temp. : -30~60°C
- Ultra Slim(54mm), Compact Size and Fanless
- DC 9-36V Power Input with power protection

## System

<b>CPU</b>	Intel Cedarview Atom™ D2550 Dual Core 1.86GHz
<b>Memory</b>	1 x DDR3-1066 SO-DIMM up to 4GB
<b>Chipset</b>	Intel NM10
<b>Graphics</b>	Intel GMA3650
<b>ATA</b>	1 x Serial ATA port with 150MB/s HDD Transfer Rate
<b>LAN Chipset</b>	2 x Realtek 8111E Gigabit Ethernet
<b>Watchdog</b>	1 ~ 255 Level Reset

## I/O

<b>Serial Port</b>	3 x RS-232 Ports (1 x RS232/422/485)
<b>USB Port</b>	4 x USB 2.0 Ports
<b>LAN</b>	2 x RJ45 Ports for GbE
<b>Video Port</b>	1 x DVI-I Female Connector for DVI-D and VGA Output
<b>GPIO Port</b>	4 In and 4 Out GPIO Ports
<b>Audio</b>	Line-out (Optional) / Mic-in (Optional)
<b>Expansion Bus</b>	3 x Mini-card Slots (1 with SIM) for 3G Only

## Storage

<b>Type</b>	1 x 2.5" Drive Bay for SATA Type Hard Disk Drive / SSD 1 x SATA DOM
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## Software

<b>Operating System</b>	Windows XP, Windows 7, WES 7, WES 2009, Linux 3.0.X
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## Qualification

<b>Certifications</b>	CE, FCC Class A
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## Environmental

<b>Operating Temp.</b>	-30 ~ 60°C, ambient w/ air
<b>Storage Temp.</b>	-40 ~ 85°C
<b>Relative Humidity</b>	10 ~ 95% @ 40°C (non-condensing)
<b>Power Input</b>	DC 9-36V Input w/ Reverse Polarity OCP and OVP Protection

## Mechanical

<b>Construction</b>	Aluminum Alloy
<b>Mounting</b>	Wall-mount, VESA-mount, Din Rail Mounting Kit
<b>Weight</b>	1200g (Barebone)
<b>Dimensions</b>	182(L) x 167.6(W) x 54(H) mm

## Ordering Information

<b>Part Number</b>	762170011000
<b>Description</b>	Intel Cedarview Atom D2550 Dual Core 1.86GHz CPU with DVI-I Display, Dual GbE Lan, 3 x RS-232 and DC 9-36V Input Fanless Box PC