# WEBS-2121

**Embedded compact fan-less system with Intel® Atom™ Z510/Z530 based NANO-ITX board**



51mm
150mm
150mm

intel inside

## FEATURES

- Intel® Atom™ processor Z510/Z530 and System Controller Hub US15W
- Ultra low power and fan-less design
- One 200-pin SO-DIMM supports DDR2 SDRAM up to 2GB
- Versatile interfaces such as Compact Flash and SATA 2.5"HDD
- Compact and user-friendly design for easy installation and maintenance
- Versatile mounting solutions such as Wall, Panel and DIN mount (Optional)
- Vibration test (5grms/5~500Hz/operation) - Compact Flash
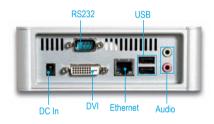- Shock test (50g peak acceleration - 11msec. duration) Compact Flash

## SYSTEM

| | |
|---|---|
| **CPU** | Intel® Atom™ processor Z510 / Z530 |
| **FSB** | 400/533 MHz |
| **BIOS** | AMI BIOS |
| **System Chipset** | Intel® System Controller Hub US15W integrated GMA 500 Graphics |
| **System Memory** | One 200-pin SO-DIMM support DDR2 400/533 up to 2GB |
| **Storage** | - 1 x SATA 2.5" HDD<br>- 1 x CF |
| **Watchdog Timer** | Programmable via S/W from 1sec. to 255min. |
| **H/W Status Monitor** | - Temperature (CPU and System)<br>- Voltage (CPU Vcore, VBAT, 5VSB, 12V, 5V, 3.3V) |

## REAR PANEL

| | |
|---|---|
| **Serial Port** | 1 x RS232 |
| **Display** | 1 x DVI |
| **USB** | 2 x USB 2.0 |
| **Audio Interface** | Line-out and Mic-in |
| **Ethernet** | 1 x Gigabit Ethernet |

## Power Supply Unit

| | |
|---|---|
| **Power Input** | DC 12V |
| **Adaptor** | AC 100~240V |

## MECHANICAL & ENVIRONMENTAL

| | |
|---|---|
| **Operation Temperature** | -5~45°C |
| **Storage Temperature** | -20~80°C |
| **Relative Humidity** | 5~95% non-condensing |
| **Dimension (WxDxH)** | 150x150x51 mm; 5.9"x5.9"x2" |
| **Weight** | 1 kg |

## REAR I/O



RS232    USB
DC In    DVI    Ethernet    Audio

### Brick Concept



## ORDERING GUIDE

- **WEBS-2121-1100**
  System with NANO-8045 (Atom™ Z510 1.1GHz) +1GB DDR2 + 120GB HDD

- **WEBS-2121-1600**
  System with NANO-8045 (Atom™ Z530 1.6GHz) +2GB DDR2 + 120GB HDD