

## 31525HW Series

### Application

**Embedded Car PC / POS / ATM / Kiosk / Panel PC application**

### Features



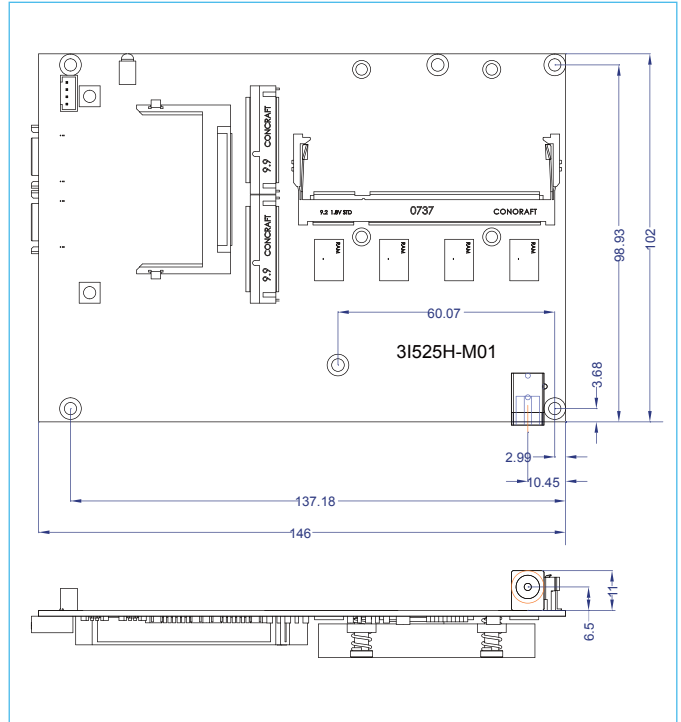
### Specifications

MODEL	31525HW Series
CPU Type	Intel Atom D525 1.8 GHz processor ( Dual core processor )
MB Chipset	Intel Atom D525 + ICH8M ( 82801 HBM )
BIOS	Award BIOS
Graphics	Intel Luna Pier Refresh Pineview-D Integrated Graphics Engine
LVDS	Data format of 18 bits Support panel resolutions up to 1366 x 768
System Memory	1 x DDR3 SO-DIMM socket ( max. 4GB ) or On board DDR3 SDRAM 1GB and 1 x DDR3 SO-DIMM ( max. 2GB )
NAND Flash Memory	CF Card Type 2 socket for ATA interface On board SATA SSD 2 / 4 / 8 GBytes ( option )
SATA	2 x SATA ports
Audio	Intel High Definition Audio Specification Rev.1.0 Compliant Support Line-out / Mic-in / Line-in
LAN	2 x Realtek RTL8111DL or Intel 82583V / 82574L 10 / 100 / 1000 Mbps
USB	7 x USB 2.0
IO Function	5 x RS232 or 485 ( option ) + 1 x RS422/485 Support PS/2 key board & mouse
Audio Amplifier (option)	Two channels Audio Amplifier 6W/CH Class-D operation into an 8-Ω Load from a 12-V Supply
Touch Screen (option)	USB interface Touch screen controller Support 4-, 5-, 8- wire Analog Resistive touch screen USB 1.1 full speed sample rate maximum of 300 point per second
DIO & WDT (option)	Hardware digital Input & Output, 8 x DI / 8 x DO Hardware Watch Dog Timer, 0~255 sec programmable
Expansion Interface	1 x Mini PCI socket, 3G SIM card socket 2 x PCIe mini card for PCIe & USB interface
Power	On board DC +12V±5% convert to +3V / +5V / +12V for system or Wide range DC-IN from +6V to +36V ( option )
Dimension	145 x 102 mm ( 3.5 inch )
Operation Temperature	0 ~ 60 °C
Operation Humidity	5 ~ 95% @ 60 °C, non-condensing

### Ordering Information

- 31525HW-CRH13-00 2 x Realtek GbE, 1GB DDR3 on board, SO-DIMM socket, (LVDS+Touch)
- 31525HW-ARH13-00 2 x Realtek GbE, 1GB DDR3 on board, SO-DIMM socket, (without LVDS+Touch)
- 31525HW-CR000-00 2 x Realtek GbE, SO-DIMM socket, (LVDS+Touch)
- 31525HW-AR000-00 2 x Realtek GbE, SO-DIMM socket, (without LVDS+Touch)

### Dimension



### Available Chassis



Please upgrade the hard drive to industrial grade for better temperature performance.

Car PC

Networking

POS / Automation

DVR

Digital Signage / Thin Client

Embedded System

Panel PC