

Car PC

Networking

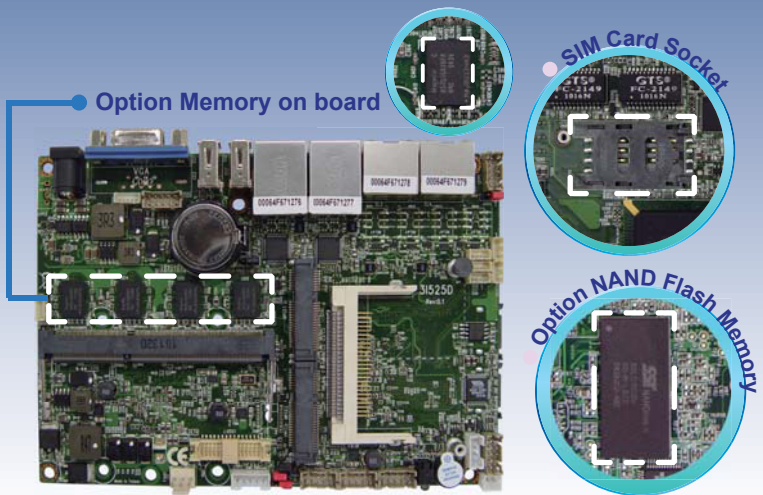
POS / Automation

DVR

Digital Signage / Thin Client

Embedded System

Panel PC



31525D Series

Application
Embedded Network applications for Firewall / VPN / Server

Features

- 3.5"
- Intel Atom D525
- 7 USB
- LVDS
- 2 SATA
- NAND flash memory
- 4 LAN
- PCIe Mini Card
- 3G / SIM card

Specifications

MODEL	31525D Series
CPU Type	Intel Atom D525 1.8 GHz (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 (option)	Data format of 18 bits
System Memory	1 x DDR3 SO-DIMM socket (max. 4GB) or On board DDR3 SDRAM 2GB and 1 x DDR3 SO-DIMM socket (max. 2 GB)
NAND Flash Memory	CF Card Type 2 socket for ATA interface On board SSD 2 / 4 / 8 GBytes (option)
SATA	1 x SATA port (SATA 2 for option)
Audio (option)	Intel HD Audio Specification Rev.1.0 Compliant
LAN	4 x Realtek RLT8111DL 10 / 100 / 1000 Mbps Support LAN Bypass function 100Mbps (option)
IO Function	COM1 Wafer 5pin (TTL Level), 1 x RS232 (31525D-C4G model only)
USB	7 x USB 2.0 (2 external + 5 internal)
Touch Screen (option)	USB interface Touch screen controller Supported 4- , 5- , 8- wire Analog Resistive touch screen Resolution : 2048 x 2048
DIO & WDT (option)	Hardware Digital Input Output, 8 x DI / 8 x DO Hardware Watch Dog Timer, 0~255 sec programmable
Expansion Interface	2 x PCIe mini card for PCIe & USB interface 3G SIM card socket
Power	On board DC +12V ± 5% convert to +3.3V / +5V / +12V for system
Dimension	145 x 102 mm (3.5 inch)
Operation Temperature	0 ~ 60 °C
Operation Humidity	5 ~ 95% @ 60 °C, non-condensing

Ordering Information

- 31525D-V4G-H13-00 4 Realtek GbE, 1GB DDR3 on board DDR3 & 1 x DDR3 SO-DIMM socket
- 31525D-V4G-000-00 4 Realtek GbE, 1 x DDR3 SO-DIMM socket
- 31525D-C4G-000-00 4 Realtek GbE, 1 x DDR3 SO-DIMM socket (1 x RS232 + VGA wafer)

Testing environment

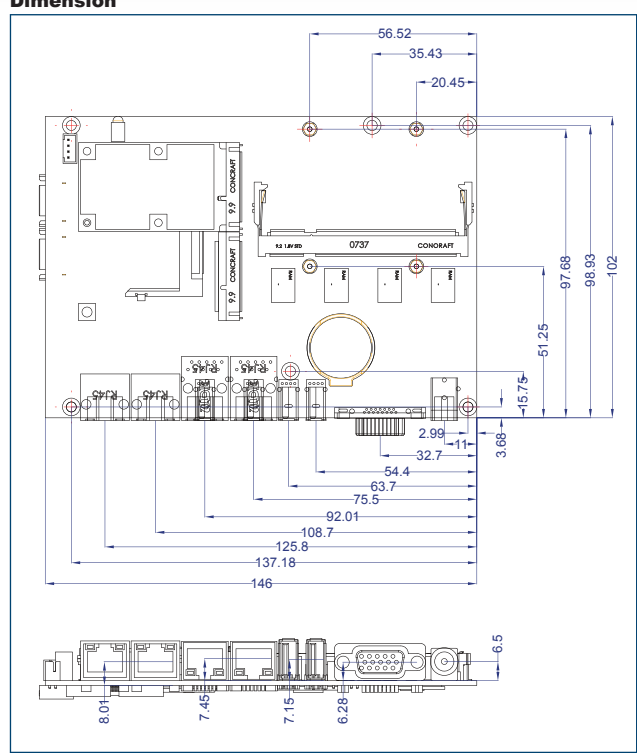
Model name: 31525D-V4G-H18-00
CPU: Intel Atom D525 1.8 GHz
Chipset: Intel Atom D525 + ICH8M
OS: WIN XP
Testing Program: 3D Mark 2001

Fanless solution with CF card					
Chassis	LEO	TWITTER	BRIK	NEO	1U half fanless
Temperature					
0°C~40°C	Pass	Pass	Pass	Pass	Pass
60°C	Pass	Pass	Pass	Pass	—

Fanless solution with 2.5" HDD					
Chassis	LEO	TWITTER	BRIK	NEO	1U half fanless
Temperature					
0°C~40°C	Pass	Pass	Pass	Pass	Pass
50°C	Pass	Pass	Pass	Pass	—

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

Dimension



Back Panel

