

31270D Series

Application
Embedded Network applications for Firewall, VPN, and Server

Features



Specifications

- . CPU Type Intel Atom N270 1.6 GHz processor
- . Front Side Bus 533 MHz
- . MB Chipset Intel 945 GSE + ICH7M (82801 GBM)
- . BIOS Award BIOS
- . Graphics Integrated with Intel 945 GSE
 Dynamic Video Memory Technology (DVM T 3.0)
- . System Memory On board DDR2 SDRAM 1 GB
 1 x DDR2 SO-DIMM socket (max. 2GB) (option)
- . 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
 Support Line-out / Mic-in / Line-in
- . LAN 4 x Realtek RLT8111C or Intel 82574L 10/100/1000 Mbps.
- . IO Function 1 x COM2 Wafer 5pin (TTL signal Level)
- . USB 5 x USB 2.0 (2 external + 3 internal)
- . WDT (option) Hardware Watch Dog Timer, 0~255 sec programmable
- . Expansion Interface 1 x PCIe mini card for USB interface
- . Power On board DC +12V ± 5% convert to +3.3V / +5V / +12V for system
- . Dimension 145 x 102 mm (3.5 inch)
- . Operation Temp. 0 ~ 60 °C
- . Operation Humidity 5 ~ 95% @ 60 °C, non-condensing

Ordering Information

- . 31270D-V4G-H16-00 VGA, 4 Realtek GbE, 1 GB DDR2 SDRAM on board
- . 31270D-V4U-H16-00 VGA, 4 Intel GbE, 1 GB DDR2 SDRAM on board
- . 31270D-C4G-H16-00 4 Realtek GbE, 1 GB DDR2 SDRAM on board,
 1 x RS232, VGA wafer

Testing environment

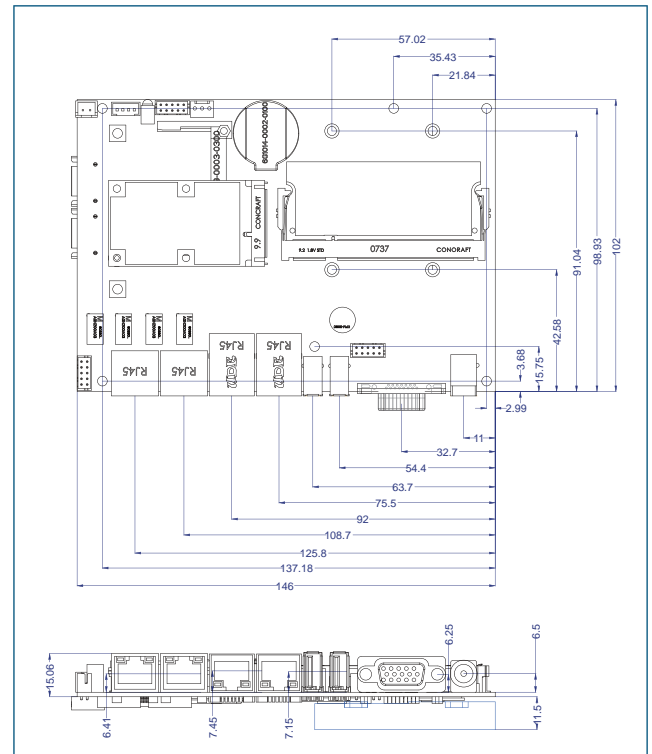
Model name : **31270D-V4G-H16**
 CPU : Intel Atom N270 1.6 GHz
 Chipset : Intel 945 GSE & ICH7M
 OS : WIN XP
 Testing Program : 3D Mark 2001

Fanless solution with CF card					
Chassis Temperature	UNO	BRIK	LEO	TWITTER	
0°C~45°C	Pass	Pass	Pass	Pass	
50 °C	Pass	Pass	Pass	Pass	
55 °C	—	Pass	Pass	Pass	
60 °C	—	—	Pass	Pass	

Fanless solution with 2.5" HDD					
Chassis Temperature	UNO	BRIK	LEO	TWITTER	
0°C~45°C	Pass	Pass	Pass	Pass	
50 °C	—	Pass	Pass	Pass	

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

Dimension



Back Panel

