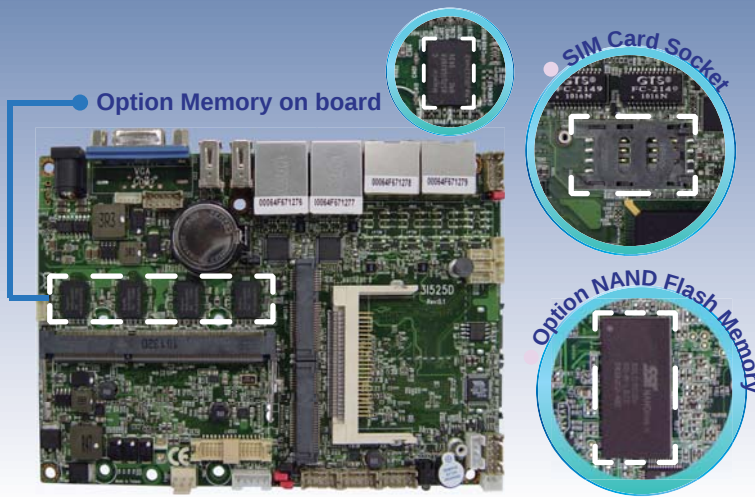




3I525D Series

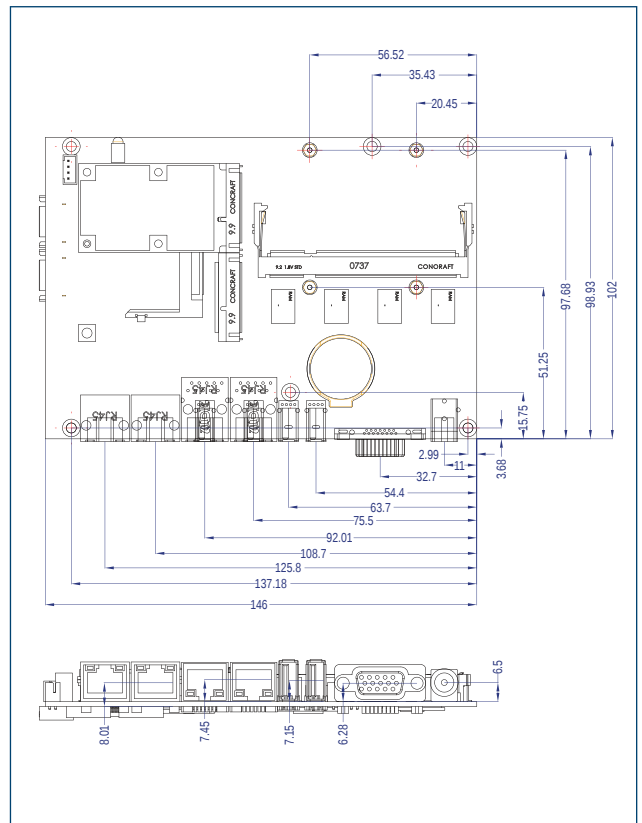
Application

Embedded Network applications for Firewall, VPN, and Server

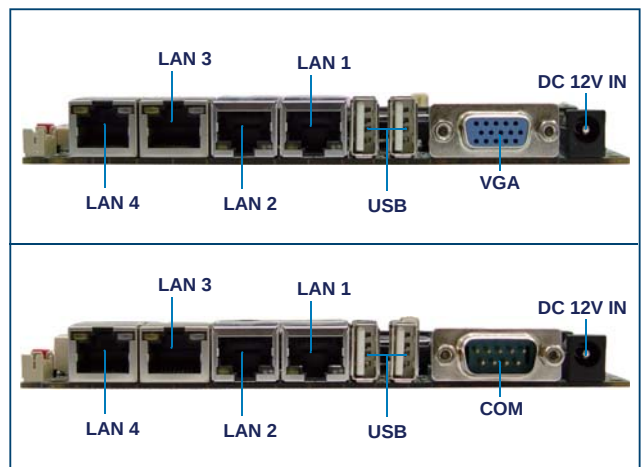
Features



Dimension



Back Panel



Specifications

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 1GB 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 (3I525D-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 $\pm$ 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

3I525D-V4G-H13-00	4 Realtek GbE, 1GB DDR3 on board DDR3 & 1 x DDR3 SO-DIMM socket
3I525D-V4G-000-00	4 Realtek GbE, 1 x DDR3 SO-DIMM socket
3I525D-C4G-000-00	4 Realtek GbE, 1 x DDR3 SO-DIMM socket (1 x RS232 + VGA wafer)

Testing environment

Model name: 3I525D-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			
	LEO	TWITTER	
Chassis Temperature			
0°C~50°C	Pass	Pass	Pass
60°C	Pass	Pass	Pass
Fanless solution with 2.5" HDD			
	LEO	TWITTER	
Chassis Temperature			
0°C~45°C	Pass	Pass	Pass
50°C	Pass	Pass	Pass

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