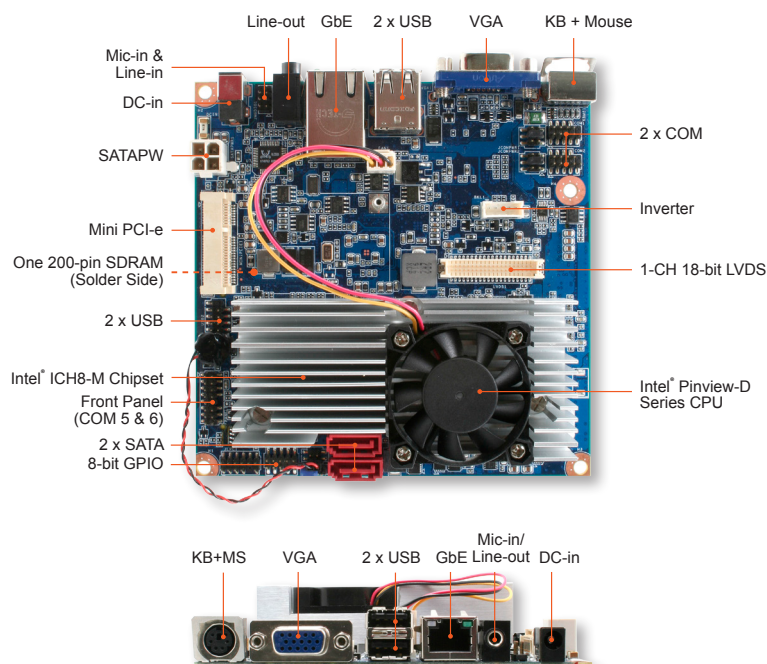




Features

- Intel® Atom™ Processor D510 (1M Cache, 1.66 GHz)
- Intel® ICH8-M Express Chipset
- One 200-Pin SO-DIMM Up to 4GB DDR2 667/ 800MHz SDRAM
- VGA, Single-channel 18-bit LVDS
- 1 x Realtek RTL8111C PCI-e Gigabit Ethernet
- Realtek ALC888 HD Audio Codec
- 1 x Line-Out/ Mic-In
- 2 x SATA II, 4 x USB 2.0, 2 x RS-232
- 1 x 8bit GPIO
- 1 x Mini PCI-e
- TPM 1.2 Infineon SLB9635
- DC in 12V



Specifications

System

Processor	Intel® Atom™ Processor D510 (1M Cache, 1.66 GHz)
BIOS	AMI 16Mbit SPI BIOS
System Chipset	Intel® ICH8-M Express Chipset
I/O Chip	Nuvoton NTC5577D
System Memory	1 x 200-Pin DDR2 667/800MHz SO-DIMM up to 4GB
Watchdog Timer	H/W Reset: 1sec.~255min. and 1sec. or 1min.step
H/W Status Monitor	Monitoring System Temperature, Voltage and FAN Status with Auto Throttling Control

Expansion & Storage

Expansion	1 x Mini PCI-e
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I/O

MIO	1 x PS-Keyboard/ Mouse
USB	4 x USB 2.0
DIO	1 x 8-bit GPIO
SATA	1 x SATA
COM Port	2 x RS-232

Display

Chipset	Integrated Intel® Gen 3.5 + GFX Render Core 400MHz
Resolution	LVDS : 1366 x 768 @ 60Hz Single-channel 18-bit LVDS: 1366 x 768

Audio

Audio Codec	Realtek ALC888 supports 2-CH
Audio Interface	1 x Line-Out/ Mic-In

Ethernet

Chipset	1 x Realtek 8111C
Ethernet Interface	10/100/1000 Base-Tx GbE compatible

Mechanical & Environmental

Power Type	+12V
Operating Temperature	0 ~ 60°C (32 ~ 140°F)
Storage Temperature	-40 ~ 75°C (-40 ~ 167°F)
Operating Humidity	0 ~ 90% Relative Humidity, Non-condensing
Size (L x W)	4.72" x 4.72" (120mm x 120mm)
Weight	0.88lbs (0.4Kg)

Ordering Information

ENX-PNV-D510-A2R

Intel® Atom™ Processor D510 Nano ITX Motherboard with Intel® ICH8M Express Chipset