



Features

- Intel® Pinview-M/ Pinview-D Series CPU
- Intel® ICH8-M Chipset
- One 200-pin SODIMM Up to 2GB DDR2 667 SDRAM (PNV-M); 4GB (PNV-D), Non-ECC
- Dual View, VGA, LVDS
- Realtek ALC888 Supports HD Audio
- Realtek RTL8111C Gigabit Ethernet
- 1 LVDS, VGA
- 1 Mini PCIe, CF
- 2 COM, 2 SATA, 4 USB
- TPM 1.2

Atom™	Dual View	LVDS	7, 1-CH Audio	GbE
CF	Mini PCIe	2 COM	2 SATA	4 USB
TPM				

Specifications

System

• CPU	Onboard Intel® Atom™ PNV-M (w/ 512KB cache)/ PNV-D (w/ 1024KB Cache) Series CPU with 45nm Processor Technology
• BIOS	AMI 2MB SPI BIOS
• System Chipset	Intel® ICH8-M
• I/O Chip	Winbond W83627DH
• System Memory	1 x 200-pin SODIMM 2GB DDR2 667 SDRAM (PNV-M); 4GB (PNV-D), Non-ECC
• SSD	One CompactFlash Type I/II Socket
• Watchdog Timer	1 ~ 255sec Programmable
• TPM	Infineon TPM 1.2 SLB9635
• Wake up and LAN/RING	Yes
• SmartFan Control	Supports 3 Modes (Silent/ Optimal/ Performance)
• Expansion	Mini PCIe

I/O

• MIO	2 x SATA, 2 x COM (5V/ 12V), 1 x K/B + Mouse
• USB	4 x USB 2.0

Audio

• Audio Codec	Realtek ALC888 Supports 7.1-CH Audio
• Audio Interface	Mic-in, Line-out (1 Jack), Line-in (Pin-header); 1 SPDIF-out

Display

• Chipset	Intergrated Intel® Gen 3.5 + GFX Render Core 200MHz (PNV-M)/ 400MHz (PNV-D)
• Display Memory	Shared Memory
• Max. Resolution	SXGA 1400 x 1050 @ 60Hz
• LVDS	Single Channel 18-bit LVDS

Ethernet

• LAN	Realtek RTL8111C Gigabit Ethernet
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Mechanical & Environmental

• Power Type	12V DC-in
• Operating Temperature	0 ~ 60°C (32 ~ 140°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-A1R

Intel® Atom™ PNV-M/ PNV-D Nano ITX Motherboard with Intel® ICH8-M Chipset and VGA, LVDS, Audio, GbE, Mini PCIe, CF, 2 SATA, 2 COM, 4 USB