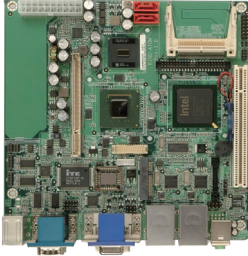


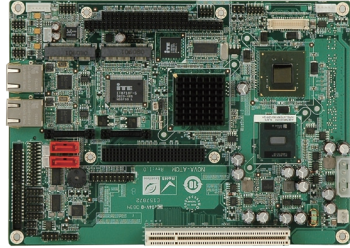
KINO-ATOM

Mini-ITX SBC with Intel® Atom™ N270 1.6G, VGA/DVI/TV, Dual PCIe GbE, USB2.0, SATA and Audio



NOVA-ATOM

5.25" SBC, Intel® Atom™ N270 1.6GHz, LVDS/ VGA/ HDTV, Dual PCIe Mini, Dual PCIe GbE, USB2.0, SATA, RoHS



Features

1. Intel® Atom™ Processor N270 1.6G for ultra low voltage fan-less support
2. DDR2 400/533 SO-DIMM Memory support up to 2GB
3. Dual Display support by VGA + DVI-D, LVDS + VGA, LVDS + DVI-D
4. Support PCIe mini Card, PCI slot for expansion
5. Support 6x USB2.0, 2x SATA, 4x COM

Features

1. Intel® Atom™ Processor N270 1.6GHz for ultra low voltage fan-less support DDR2 400/533 SO-DIMM Memory support up to 2GB
2. Support Dual PCIe mini Card, PCI slot for expansion
3. Support LVDS, TV-out, VGA Display output
4. CF Socket for Storage Expansion
5. TPM support

Specifications

Model	KINO-ATOM	NOVA-ATOM
CPU	Intel® Atom™ Processor N270 1.6GHz with a 533MHz FSB	Intel® Atom™ Processor N270 1.6GHz with a 533MHz FSB
System Chipset	Intel® 945GSE+ICH7M	Intel® 945GSE+ICH7M
BIOS	AMI BIOS Label	AMI Flash BIOS
System Memory	One 200-pin 400/533 DDR2 SDRAM SO-DIMM supported (system max. 2GB)	One 200-pin 400/533 DDR2 SDRAM SO-DIMM supported (system max. 2GB)
Ethernet	Dual Realtek PCIe 8111CP GbE Chipsets	Dual Realtek PCIe RTL8111CP GbE LAN
Display Interface	VGA integrated in Intel 945GSE Support HDTV resolution up to 1080i by component interface 18 bit Dual channel LVDS by Intel 945GSE DVI-D support by Chronlet Silicon image Sil1362	Analog CRT Support for CRT Hot plug support TV-out by component interface 18bit Dual Channel LVDS Support up to UXGA (1600x 1200)
Expansion slot	1 x PCI, 1 x PCIe mini card	1 x PC/104+ (ISA+PCI bus), 2 x PCIe mini card, 1 x PCI
I/O Interface	6 x USB2.0 1 x CF Type II 1 x IDE	3 x RS-232 1 x LPT 1 x RS-232/422/485 1 x IDE
Graphic	Intel® Generation 3.5 integrated GFX Core 133Mhz	Intel® Generation 3.5 integrated GFX Core (133Mhz)
Infrared Interface	Infrared Interface by pin header	1x Infrared Interface by pin header
Watchdog Timer	Software Programmable support 1-255 sec. System reset	software programmable 1-255 sec. by super I/O
SSD		CF Type II
WDT	Software Programmable support 1-255 sec. System reset	
Audio	Realtek ALC655 AC'97 Codec	AC'97 ALC655 codec
TPM		1x 20pin pinheader
Super I/O	ITE IT8712	ITE8718F
Digital I/O	8-bit digital I/O, 4-bit input/ 4-bit output	8-bit digital I/O (4-bit input, 4-bit output)
Power Supply	5V/12V, AT/ATX Support	AT/ATX Power
Power consumption	5V@2.89A, 12V@0.04A (Intel® Atom™ N270 with 1GB DDR2)	5V@2.89A, 12V@0.04A (Intel® Atom™ N270 with 1GB DDR2)
Temperature	Operation: 0°C~60°C (32°F~140°F)	Operation: 0°C ~ 60°C (32 ~ 140° F)
Humidity	Operation: 5% ~95% non-condensing	Operation: 5% ~ 95%, non-condensing
Dimension	170mm x 170mm	203mm x 146mm
Weight	GW: 1100g / NW: 370 g	GW:1000g, NW:400g