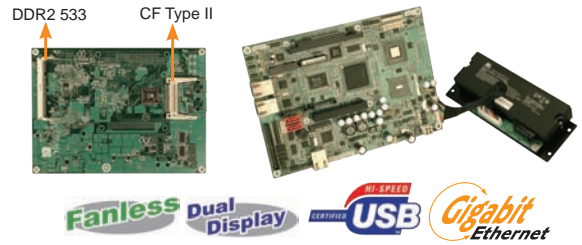
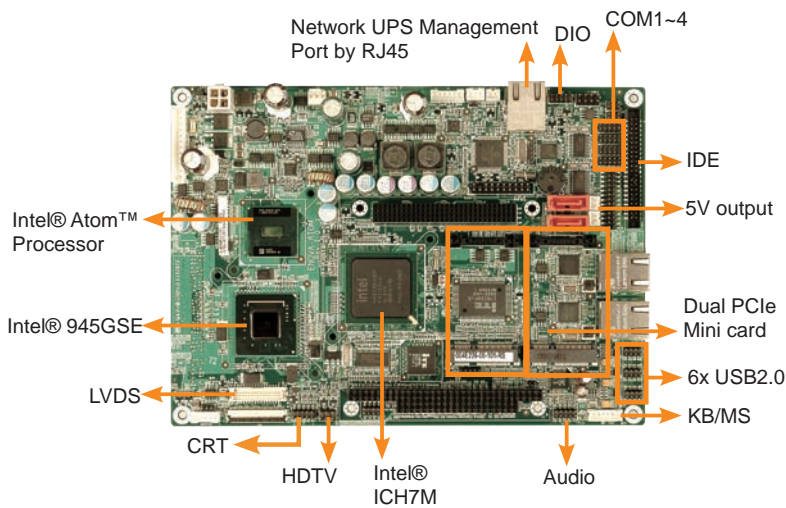


# eNOVA-ATOM

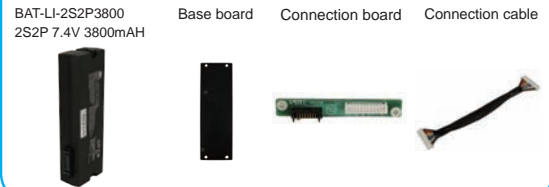
5.25" SBC with AUPS sub-system, Intel® Atom™ Processor N270  
1.6GHz, Wide range 9-28VDC input, Dual PCIe Mini card



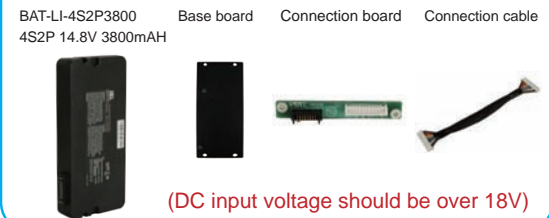
## Specifications

- ◆ CPU  
Intel® Atom™ Processor N270 1.6GHz with 533MHz FSB 512K L2 Cache
- ◆ System Chipset  
Intel® 945GSE / Intel® ICH7M
- ◆ BIOS  
AMI BIOS
- ◆ Memory  
One 200-pin 400/533 DDR2 SDRAM SO-DIMM supported (system max. 2GB)
- ◆ Ethernet  
Dual Realtek PCIe 8111CP GbE Controller
- ◆ Graphic  
On Intel® Graphics Media Accelerator 950 (Intel® GMA 950)
- ◆ I/O Interface  
3 x RS-232  
1 x RS-232/422/485  
6 x USB2.0  
1 x LPT  
2 x SATA with 5V DC output  
1 x IDE  
1 x 6pin header for KB/MS
- ◆ Expansion  
1 x PC/104+ (ISA+PCI bus)  
2 x PCIe mini card
- ◆ DC connector  
2pcs 1x2pin 5V power connector (Major for 2.5" HDD used)
- ◆ Digital I/O  
8-bit digital I/O (4-bit input, 4-bit output)
- ◆ Infrared Interface  
1x 5pin pin header
- ◆ Super IO  
ITE8718F
- ◆ Display Output  
Analog CRT Support for CRT Hot plug  
Support HDTV by component interface  
18-bit dual-channel LVDS Support up to UXGA (1600x 1200)
- ◆ Audio  
AC'97 ALC655 codec
- ◆ SSD  
CF Type II
- ◆ TPM  
1x 20pin pin header
- ◆ WDT  
Software programmable supports 1~255 sec. system reset
- ◆ Power Supply  
Maximum input voltage range 9V~28V  
Recommend operating input voltage range 12V~24V  
1x internal 2x2pin power connector
- ◆ Power Consumption  
1.19A@12V (Intel Atom N270 with 1GB DDR2)
- ◆ Temperature  
Operation: 0°C ~ 40°C with AUPS sub-system  
Operation: 0°C ~ 60°C without AUPS sub-system
- ◆ Humidity  
Operation: 5% ~ 95%, non-condensing
- ◆ Dimension  
203mm x 146mm
- ◆ Weight  
GW:1000g, NW:400g

### BATKIT-2S2P3800-R10



### BATKIT-4S2P3800-R10



## Features

1. Intel® Atom™ Processor N270 1.6GHz for ultra low voltage fan-less support
2. Equipped with AUPS sub-system acts as a simple UPS system
3. Support Dual PCIe mini Card for expansion
4. Wide range 9-28V DC input
5. Support LVDS, TV-out, VGA display output
6. CF socket for storage expansion
7. TPM support

## Packing List

- 1 x eNOVA-ATOM Single Board Computer
- 1 x VGA cable (P/N: 32000-033804-RS)
- 1 x KB/MS Y cable (P/N: 32000-023800-RS)
- 1 x Audio cable (P/N: 32000-072100-RS)
- 4 x RS-232 cable (PN: 32200-000049-RS)
- 2 x SATA 5V power output Cable Kit (PN:32000-114000-RS)
- 1 x USB cable (PN:32000-070301-RS)
- 1 x Mini Jumper Pack
- 1 x Utility CD
- 1 x QIG

## Ordering Information

Part No.	Description
eNOVA-ATOM-N270-R10	5.25" SBC with AUPS sub-system, Intel® Atom™ Processor N270 1.6GHz, Wide range 9-28VDC input, Dual PCIe Mini
HDTV-CABLESET-01	HDTV Cable Set with S-Video, Composite and Component Interfaces
32100-088600-RS	SATA Power cable
32200-015100-RS	LPT cable
WMPCIE-V01-R10	802.11b+g PCIe mini card wireless LAN module with Atheros
WMUSB-V01-R10	802.11b+g USB embedded module with VIA
TPM-WI01-R10	20-pin WINBOND TPM Module, S/W management Tool
TPM-IN01-R10	20-pin INFINEON TPM Module, S/W management Tool
BATKIT-2S2P3800-R10	2S2P 7.4V 3800mAH AUPS BATTERY KIT
BAT-LI-2S2P3800	2S2P 7.4V 3800mAH SMART BATTERY
BATKIT-4S2P3800-R10	4S2P 14.8V 3800mAH AUPS BATTERY KIT
BAT-LI-4S2P3800	4S2P 14.8V 3800mAH SMART BATTERY