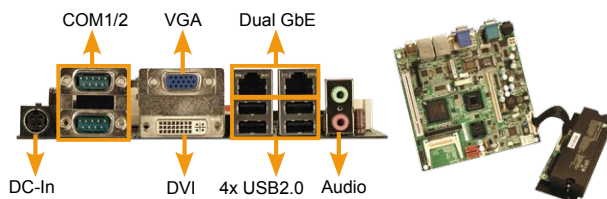
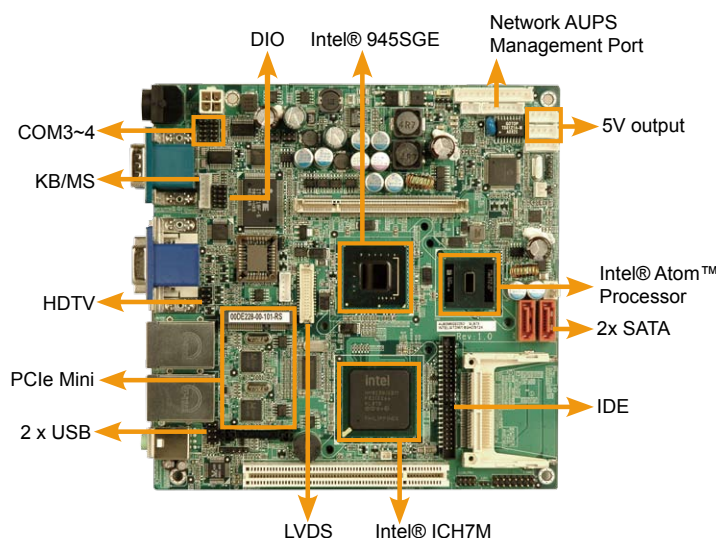


eKINO-ATOM

Mini-ITX SBC with AUPS sub-system, Intel® Atom™ N270 1.6GHz,
Wide range 9-28VDC input, VGA/DVI/TV



Specifications

- ◆ Form Factor
Mini ITX
- ◆ 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
- ◆ I/O Interface
6 x USB2.0 3 x RS-232 1 x IDE 2 x SATA with 5V DC output
1 x RS-232/422/485
1 x 6pin header for KB/MS
- ◆ Graphic
On Intel® Graphics Media Accelerator 950 (Intel® GMA 950)
- ◆ Display Output
VGA integrated in Intel® 945GSE
Support HDTV resolution up to 1080i by component interface
18-bits dual-channel LVDS by Intel® 945GSE
DVI-D support by Silcon image Sil1362
- ◆ Expansion
1x PCI 1x PCIe mini card
- ◆ DC connector
2pcs 1x4pin 5V power connector (Major for 2.5" HDD used)
- ◆ Digital I/O
8-bits digital I/O, 4-bits input/ 4-bits output
- ◆ Infrared Interface
1x 5pin pinheader
- ◆ SSD
1 x CF Type II
- ◆ Super IO
ITE IT8718F
- ◆ Audio
Realtek ALC655 AC'97 Codec
- ◆ 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 external DIN 4pin DC jack
1x internal 2x2pin power connector
- ◆ Power Consumption
1A@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
- ◆ Dimensions
170mm x 170mm
- ◆ Weight
GW: 1100g / NW: 400 g

PN:BAT-LI-2S2P3800
2S2P 7.4V 3800mAH

BAT-INSTKIT01-R10

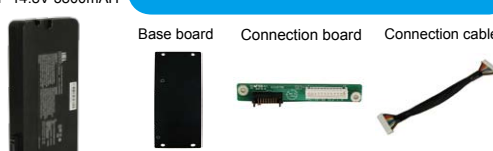
Base board Connection board Connection cable



PN:BAT-LI-4S2P3800
4S2P 14.8V 3800mAH

BAT-INSTKIT02-R20

Base board Connection board Connection cable



(DC input voltage should be over 18V)

Features

1. Intel® Atom™ N270 1.6GHz for ultra low voltage fan-less support
2. Wide range 9-28V DC input
3. Equipped with AUPS sub-system acts as a simple UPS system
4. Dual-display supported by VGA + DVI-D, LVDS + VGA, LVDS + DVI-D
5. IBX 600 Embedded System
6. Support 6 x USB2.0, 2 x SATA, 4x COM

Packing List

- 1 x eKINO-ATOM single board computer
- 1 x Dual RS-232 cable (P/N: 32200-028401-RS)
- 2 x SATA 5V power output Cable Kit (P/N: 32000-106100-RS)
- 1 x I/O shielding (P/N: 45014-0023C0-00-RS)
- 1 x KB/MS Y cable (PN:32000-023800-RS)
- 1 x Mini Jumper Pack
- 1 x Utility CD
- 1 x QIG (Quick Installation Guide)

Ordering Information

| Part No. | Description |
|---------------------------|---|
| eKINO-ATOM-N270-R10 | Mini-ITX SBC with AUPS sub-system, Intel® Atom™ N270 1.6GHz, Wide range 9-28VDC input, VGA/DVI/TV |
| CB-USB02-RS | Dual USB cable |
| HDTV-CABLESET-01 | HDTV Cable Set with S-Video, Composite and Component Interfaces |
| WMPCIE-V01-R10 | PCIe Mini card wireless LAN Module |
| BAT-INSTKIT01-R10 | 2S2P Smart battery install kits |
| BAT-LI-2S2P3800 | 2S2P 7.4V 3800mA SMART BATTERY |
| BAT-INSTKIT02-R10 | 4S2P Smart battery install kits |
| BAT-LI-4S2P3800 | 4S2P 14.8V 3800mA SMART BATTERY |
| 63000-FSP0601AD101C746-RS | 60W/12V Power Adaptor 90VAC~260VA, DIN 4 PIN |
| 32200-000009-RS | 44pin 2.5" IDE cable |