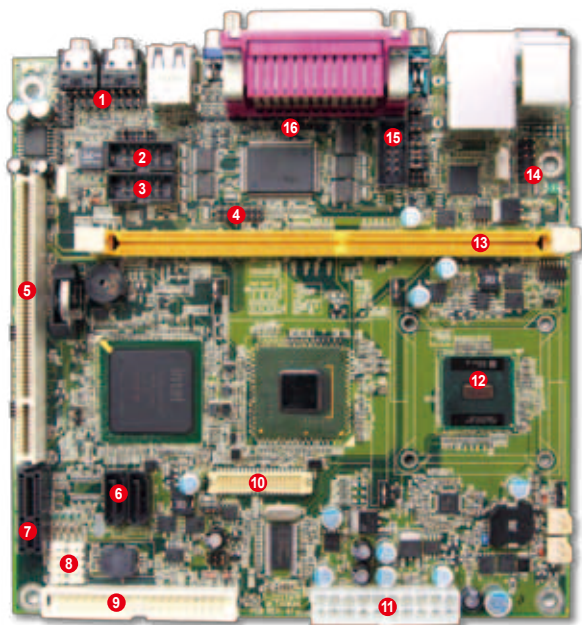
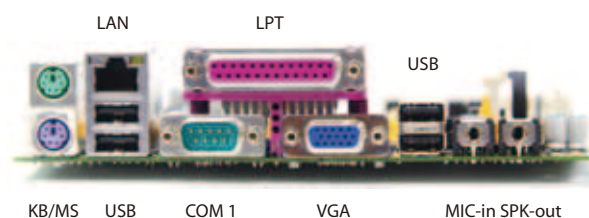


# ENDAT-3227A

Intel Atom N270 1.6GHz fan-less CPU  
Cost effective motherboard



- |                      |                        |                             |
|----------------------|------------------------|-----------------------------|
| 1 CD-In Pin Header   | 5 PCI Slot             | 12 Intel Atom N270 1.6G CPU |
| 2 Line-In Pin Header | 6 SATA x2              | 13 240 Pin DDR2 Socket      |
| 3 SPK-out Pin Header | 7 PCI-E x1             | 14 KB/MS Pin Header         |
| 4 Mic-In Pin Header  | 8 USB x4               | 15 COM 2 Box Header         |
| 5 COM 3 Box Header   | 9 40 Pin IDE           | 16 IrDA Pin Header          |
| 6 COM 4 Box Header   | 10 LVDS                |                             |
| 7 DIO                | 11 ATX Power Connector |                             |



## Specification

|             |                                                                           |
|-------------|---------------------------------------------------------------------------|
| CPU         | Intel Atom N270 (1.6GHz)                                                  |
| Chipset     | Intel 945GSE + ICH7-M                                                     |
| BIOS        | Award BIOS                                                                |
| Graphics    | Intel GMA 950                                                             |
| LVDS        | 18/36 bit (optional)                                                      |
| Display     | VGA + LVDS                                                                |
| Memory      | Up to 2GB DDR2-533                                                        |
| WDT         | Programmable 1~255 seconds /minutes                                       |
| LAN         | 1 x Realtek Giga LAN                                                      |
| Serial Port | 4 x RS-232 w/+5, +12V power selector<br>RS-422/RS-485 via COM2 (optional) |
| Parallel    | 1                                                                         |
| USB         | 8                                                                         |

|                        |                                      |
|------------------------|--------------------------------------|
| SATA                   | 2                                    |
| Audio                  | HD Audio; with 1.2W amplifier        |
| KB/MS                  | PS2 connector and pin header         |
| Digital I/O            | 1 x 8-bit Digital I/O (4 IN / 4 OUT) |
| Expansion Interface    | 1 x PCI +<br>1 x PCI-E(x1)(optional) |
| Power Input            | ATX                                  |
| Temperature / Humidity | 0~60 °C;0~95% (non-condensing)       |
| Dimensions (L x W)     | 170 x 170 mm                         |

## Ordering Information

- ENDAT-3227A Supports CRT
- ENDAT-3227A-L Supports 18/36 bit LVDS

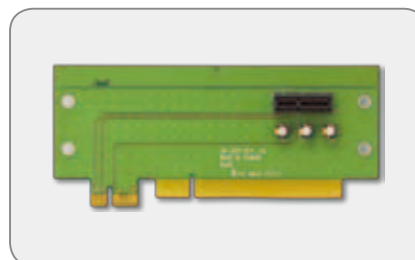
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