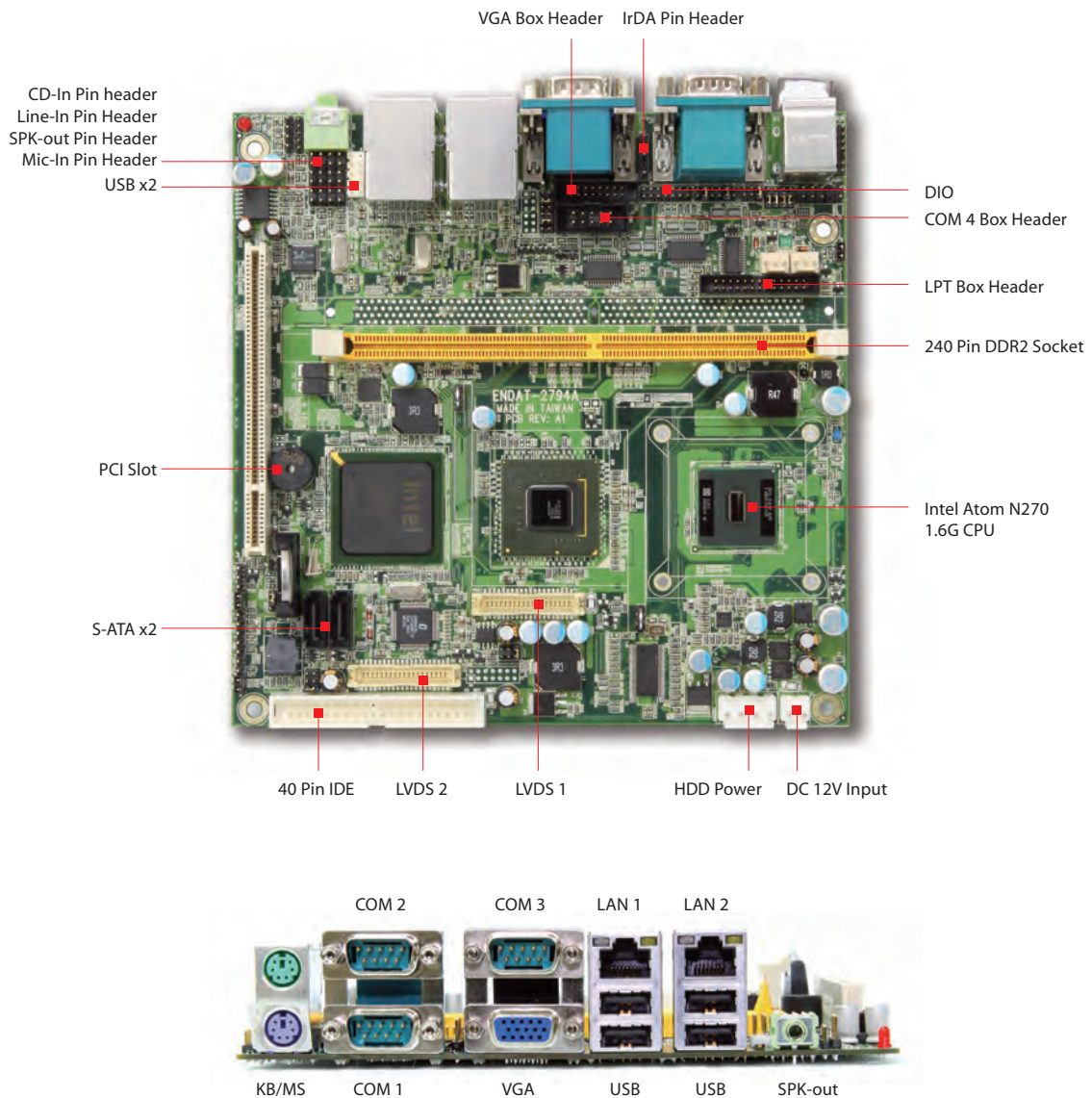


ENDAT-2794A



Specification

CPU:

Intel® Atom™ N270 1.6GHz processor

Chipset:

Intel 945GSE + ICH7-M

BIOS:

Award Flash BIOS

System Memory:

One 240-Pin DDR2 socket supports Single-Channel DDR2 400/533 SDRAM up to 2 GB memory

Enhanced IDE interface:

One Enhance IDE Connector for 2 x UDMA 33/66/100 device

Serial ATA (SATA) interface:

2 ports 300MHz Serial ATA Device

Mini-ITX



Display Controller:

Chipset: Intel® 945GSE Integrated GMA 950 engine SMA support dual display

- Display Type:
 - CRT
 - On chip 18 / 36-bit LVDS
 - DVI (optional)
 - 18/36-bit LVDS + 18/24/36/48-bit LVDS (optional)

Audio Controller:

- On-board support HD Audio with 1.2W amplifier
- Phone-jack: Speaker-Out
- Pin header: Speaker-Out, MIC-In, CD In and Line-In

High Speed Multi I/O:

- Chipset: Fintek 81865F
- Serial Ports: 4 high speed RS-232 ports (1 port via box header); 2nd COM could be as high speed 422/485 port (optional).
- All 4 serial ports support 16C550 UART and 16 byte FIFO, and with +5V, +12V power selector.
- Parallel Port: 1 Bi-directional parallel port supports SPP/EPP/ECP mode (2.0mm Box header) (optional via LPT cable)
- USB Ports: 6 ports with 2.0 compliant (4 external / 2 internal)
- Keyboard / Mouse Connectors: Support PS/2 keyboard and mouse with onboard connector and pin header
- Watch Dog Timer: SIO chip build in, programmable 1~255 seconds / minutes

Digital I/O:

4-bit input and 4-bit output bi-directional I/O ports

Network Interface:

- 2 x REALTEK RTL8111B PCI-E Gigabit chip
- 10/100/1000 Base-TX, Full duplex with RJ-45 connector
- Compliant with IEEE 802.3X

Power management:

ACPI Mode

Real Time Clock:

On chip RTC with external Li Battery back up

PCI Expansion Slot:

One PICMG 1.0 compliant PCI slot supports up to 2 PCI expansions

Board Dimension:

Mini-ITX form factor, 170 x 170 mm (6.69" x 6.69")

Power Types:

Single DC 12V input with 2-pin wafer

Operating Temperature:

0 ~ 60°C

Ordering Information:

ENDAT-2794A:

ENDAT-2794A	w/ CRT + 18/36 bit LVDS
ENDAT-2794A-L	w/ CRT + 18/24/36/48 bit LVDS + 18/36 bit LVDS
ENDAT-2794A-D	w/ CRT + DVI
ENDAT-2794A-1R	w/ CRT + 18/36 bit LVDS; LAN x 1
ENDAT-2794A-1R-L	w/ CRT + 18/24/36/48 bit LVDS + 18/36 bit LVDS; LAN x 1
ENDAT-2794A-1R-D	w/ CRT + DVI; LAN x 1

Spot light:

- Intel® Atom™ N270 1.6GHz fan-less CPU
- LVDS 18/24/36/48-bit (optional)
- Dual Display (optional): DVI + VGA or LVDS x2 or LVDS +VGA
- 2 Giga LAN, 4 COM, 6 USB