



UNICORN COMPUTER CORP.

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ENDAT-2794A

Specifications

Board Dimension:

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

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

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 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; 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)
- **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 (standard board support)

Network Interface:

- 2 x REALTEK 8100C Giga LAN
- 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 3 PCI expansions

Power Types:

DC12V input with 2-pin wafer

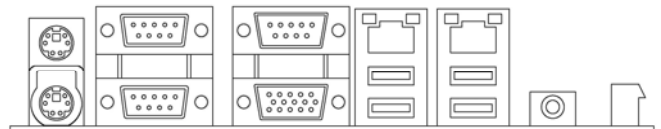
Operating Temperature: 0 ~ 60°C

Ordering Information:

Optional features for ENDAT-2794A:

ENDAT-2794A	w/ CRT + 18/36 bit LVDS
ENDAT-2794A-L	w/ CRT + 18/24/36/48 LVDS + 18/36 bit LVDS
ENDAT-2794A-D	w/ CRT + DVI

Rear window:



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
- Dual Giga Ethernet onboard