



UNICORN COMPUTER CORP.

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ENDAT-3568i

Specifications

CPU:

Intel® Core™ 2 Duo & Core™ 2 Quad Family (65nm/Conroe & 45nm/ Wolfdale) LGA775 processors

Chipset:

Intel Q35 + 82801IB(ICH9)

BIOS:

Award Flash BIOS

System Memory:

One 200Pin SO-DIMM Socket supports DDR2 800/667 up to 2GB

Serial ATA (SATA) interface:

Four ports 300MB/s SATA devices

Display Controller:

Chipset: Intel® Q35 Integrated GMA 3100 Graphics with DVMT support

- **Default Display Type:** CRT
- **Optional Display Types (by kit):** DVI, LVDS, and TV
- **Dual view:** CRT + LVDS or CRT + DVI or CRT + TV or Dual LVDS
- **Display ratio:** 4:3 and 16:9

Audio Controller:

- **Chipset:** Integrated ICH9 HD Audio controller and ALC888 HD CODEC with 1.2W amplifier output
- **Interface:**
 - **Onboard phone-jack:** 1.2 watts (per channel) stereo amplifier onboard support for SPEAKER OUT
 - **Onboard pin header:** SPEAKER OUT, MIC-in, Line-in, CD-in and SPDIF

High Speed Multi I/O:

- **Chipset:** FINTEK F81865
- **Serial Ports:** 3 high speed RS-232 ports and 1 high speed RS-232/422/485 port (*via 2nd COM as option*) support 16C550 UART, 16-byte FIFO (MH boards by box header), and with +5V, +12V power selector.
- **Parallel Port:** 1 Bi-directional parallel port supports SPP/EPP/ECP mode
- **USB Ports:** 6 ports with USB 2.0 compliant
- **Keyboard / Mouse:** Support PS/2 keyboard and mouse with connector and pin header reserved

Digital I/O:

8-bits Digital I/O with CMOS/TTL level (4 bit input and 4 bit output) by pin header

Watch Dog Timer:

Programmable 1~255 seconds / minutes

Power management:

ACPI Mode

Network Interface:

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

Real Time Clock:

On chip RTC with external Li Battery back up

PCI Expansion slot:

One 16 lane PCI Express Slot for high performance GFX

Board Dimension:

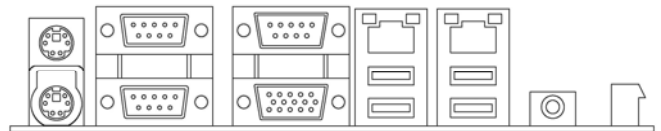
Mini-ITX form factor, 170 x 170 mm (6.69" x 6.69")

Power Types:

ATX power (Standard 20-Pin ATX Power Supply) plus P4 4-Pin 12V (20-Pin ATX connector is compatible)

Operating Temperature: 0 ~ 60°C

Rear window:



Ordering Information:

ENDAT-3568i:

ENDAT-3568i: w/ CRT; Gigabit LAN x 2

Optional display kits:

- UC-SDL2-D: **DVI**
- UC-SDL2-DL: **DVI + LVDS**
- UC-SDL2-L: **LVDS**
- UC-SDL2-2L: **Dual LVDS**
- UC-SDL2-CT: **CRT + TV**

Spot light:

- **High performance INTEL LGA775 platform**
- **INTEL GMA 3100 GFX engine**
- **Dual Gigabit LAN**
- **16 lane PCI Express slot for high performance GFX adapter**
- **4 COM + 1 LPT**