



Specification

Microprocessor

- Intel® LGA775 Core 2 Duo and Pentium® 4 / Celeron® D processors (E6000, 600, 500, 300 series)
- FSB 1066/800/533 MHz

Chipsets

- Intel® G965 GMCH & 82801HB ICH8
- Intel® G965 GMCH Integrated GMA X3000 Graphics device

Dynamic RAM

- 184-pin 2 x 240-pin dual channel DDR2 SDRAM DIMM 533/667/800 MHz supports up to 4Gb

BIOS

- Award BIOS with 8Mb Flash ROM

Storage

- 4 x Serial ATA connector high-speed data transfers at up to 3 Gb/s

RAID

- Optional ICH8R supports RAID 0, 1, 5, 10 function

Watchdog Timer

- Reset; 1 sec.~255 min. and 1 sec. or 1 min./step

H/W Status Monitor

- Monitoring system temperature, voltage, and cooling fan status. Auto throttling control when CPU overheat

GPIO

- On-board programmable 8-bit Digital I/O interface

Expansion

- 1 x PCI Express x16 Interface

Display Memory

- Intel® DVMT 4.0 supports up to 384 MB video memory

Resolution

- Analog Display Port : QXGA 2048 x 1536@75HzLCD/Digital Display : Flat panels up to 2048x1536@60 Hz or digital CRT/HDTV at 1920x1080@85Hz

Display Memory

- Intel® Graphics Gen4 Media Accelerator GMA X3000, and supports widescreen LCD displays and accelerated DirectX* 9.0c

Ordering Information

AD320-ITX - (RoHS Compliant) Intel® LGA775 Intel® Core™ 2 Duo and Pentium® 4 / Celeron® D processors Main Board with VGA, Audio, Dual GbE LANs, 8 USB 2.0

LVDS

- Optional Chronitel CH7308 LVDS transmitter

MIO

- 2 x RS-232, 1 x K/B, 1 x Mouse, 2 x GbE

IrDA

- IrDA 1.0

USB

- 4 x USB 2.0 ports and 4 x USB 2.0 with header

Audio Codec

- Serial HDAC codec with Realtek ALC883 7.1 +2CH 3D audio interface

Audio Interface

- Mic in, Line in, CD Audio in, Line out, Rear out and Center/Subwoofer out

Ethernet Interface

- IEEE 802.3 10/100/1000BASE-T Gigabit Ethernet compliant

Power Requirements

- TBD

Operating Temperature

- 0~60°C (32~140°F)

Operating Humidity

- 0%~90% relative humidity, non-condensing

Size (Lx W)

- 69" x 6.69" (170 mm x 170 mm)

Weight

- 0.94 lbs (0.43 Kg)

Rear I/O

