

A P P E N D I X ▼ A

PRODUCT SPECIFICATION

■ **Processor**

■ **Core Logic**

▼ **Processor and Core Logic**

Intel Dual-Core Processor, up to 2.13 GHz, 2 MB L2 cache

Intel 945PM + ICH7-M chipset with audio, and USB2.0 controllers integrated

667MHz Front Side Bus

533 / 667MHz DDR2 interface

■ **Memory Type**

■ **Default**

■ **Memory Expansion**

▼ **System Memory**

DDR2 SDRAM 533 / 667

256 / 512 / 1024MB

Two 200-pin DIMM sockets, Max 2 GB

■ **Graphic Accelerator**

■ **Motion Playback**

■ **Other Features**

▼ **Graphic Subsystem**

ATI Mobility Radeon X1400 (with 128MB DDR2 Frame Buffer)

Supports MXM Type II interface

Hardware Motion Compensation and IDCT Supported for MPEG1/2 Playback

DirectX compatible

■ **Chipset**

■ **Audio Codec**

■ **Sound Capabilities**

▼ **Audio**

Intel (ICH7M) integrated HD audio controller

Realtek ALC880

DirectSound 3D, EAX 1.0 & 2.0 compatible

A3D, I3DL2 compatible

AC97 V2.3 compatible

7.1 Multi-channel compatible

Azalia compatible

- Module
- Transmission Protocol

▼ Wireless LAN

Intel PRO/Wireless 3945ABG Card
Mini-Card Interface IEEE802.11 A, B&G

- Chipset
- PnP Function
- Flow Control
- Speed Selection
- Other Features

▼ LAN / Ethernet

Realtek 8110 Ethernet function for
10/100/1000Base-TX network standards
Windows 2000 / XP Plug and Play compatible
Automatic Jam and auto-negotiation for flow control
Auto Negotiation and Parallel detection for automatic
speed selection (IEEE 802.3u)

High performance 32-bit PCI bus master architecture
with integrated DMA controller for low CPU and bus
utilization
Remote Wake-up Scheme supported
Hot Insertion supported

- Chipset
- 4-in-1 Card Reader Format Support

▼ Multiple Card Reader

02 Micro 0Z128 (Card Reader)
Multimedia Card (MMC), Secure Digital Card (SD),
Memory Stick (MS), and MS Pro Card

- Chipset
- Capabilities

▼ **IEEE1394(a)**

TI TSB43AB22A IEEE1394 OHCI Host Controller and
Up to 400 Mbps
Expandable up to 63 devices in chains

- Hard Drive
- DVD-Dual or
DVD-Multi
Standards

▼ **Storage**

3.5-inch format hard disk drive
Trayless-type (slot-in) 5.25-inch format (12.7mm height)
fixed module (Optional Purchase)

- Mic-In Port
- Audio-Out
- Audio-In Port
- S/PDIF-Out
- IEEE1394
- USB2.0 Port
- Ethernet
- S-Video
- Power-In
- DVI-I Port
- Card Reader

▼ **Ports and Connectors**

One Microphone-in jack
One Headphone / Line-out jack
One Line-in jack
One S/PDIF Toslink (optical) jack
One IEEE1394 host connector
Five USB2.0-compliant connectors
One standard network Ethernet connector (RJ-45)
One S-video (TV-out) output connector
One DC-in connector
One DVI-I video connector
One 4-in-1 Card Reader slot

- Adapter
AC-Input /
DC-Output

▼ **AC Adapter**

Autosensing AC-in 100~240V, DC-out 20V, 120W

- PnP Function
- Self Test
- Auto
Detection
- Power
Management
- Security
- Other
Features

▼ **BIOS**

Phoenix PnP BIOS
Power On Self Test
DRAM auto-detection, auto-sizing
L2 Cache auto-detection
Hard disk type auto-detection
APM 1.2 (Advanced Power Management) &
ACPI 2.0 (Advanced Configuration Power Interface)
Two Level Password Protections
32bit access, Ultra DMA, PIO5 Mode support
Multi-boot capability

- O/S

▼ **Operating System**

Compatible with Microsoft Windows XP Series
Operating System

- Dimension
- Weight
- Environmental
Limits

▼ **Physical Specification**

296 (L) x 210 (W) x 55 (H) mm
3.24 KG
Operating Temperature: 5 to 30°C (41 to 86°F)
Operating Humidity: 20 to 80 percent RH (5 to 35°C)
Storage Temperature: -15 to 50°C (-5 to 122°F)