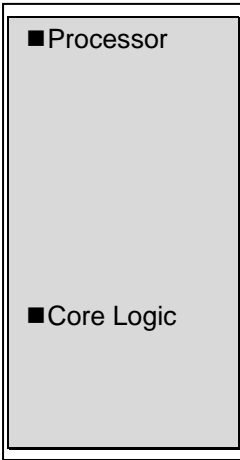


**A P P E N D I X ▼ A**

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**PRODUCT SPECIFICATION**

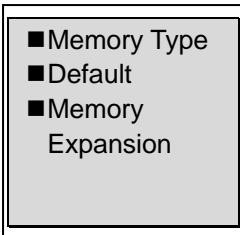


▼ **Processor and Core Logic (945GML)**

- Mobile Intel Merom Processor (Dual-Core), 4MB L2 cache or
- Mobile Intel Yonah Processor (Dual-Core), 2MB L2 cache or
- Mobile Intel Yonah Processor (Single-Core), 2MB L2 cache

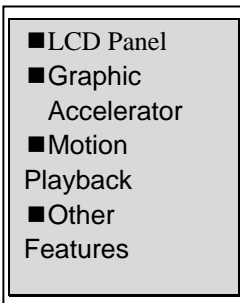
**(940GML)**

- Mobile Intel Celeron Processor Intel 945GM (940GML) +ICH7 chipset with graphic, audio, modem, and USB2.0 controllers integrated  
667MHz Front Side Bus (945GM)  
533MHz Front Side Bus (940GML)



▼ **System Memory**

DDR2 SDRAM 533 / 667MHz (945GM)  
 DDR2 SDRAM 533MHz (940GML)  
 256 / 512 / 1024MB  
 Two 200-pin DIMM sockets, Max 2 GB



▼ **Display**

15.4-inch Wide-Viewing-Angle WXGA TFT LCD  
 Intel 945GM (940GML) Integrated Graphic Engine

Hardware Motion Compensation and IDCT Supported for MPEG1/2 Playback  
 DirectX compatible

- Chipset
- Audio Codec
- Sound Capabilities

### ▼ Audio

Intel ICH7 integrated audio controller  
Realtek ALC861/ ALC883  
DirectSound 3D, EAX 1.0 & 2.0 compatible  
A3D, I3DL2 compatible  
AC97 V2.3 compatible  
Azalia compatible  
2 Stereo Speakers

- Chipset
- Transmission Rate

### ▼ Modem (Optional)

Intel ICH7 integrated Modem Controller with MDC card,  
support 56K MDC Modem Card with Azalia standard  
V.92 / V.90 / K56flex for download data speed up to  
56Kbps.  
V.34, V.17, V.29 protocol supported

- Module
- Transmission Protocol

### ▼ Wireless LAN

Mini-PCI-Express Wireless Card  
Mini-PCI Interface IEEE802.11 A, B&G

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

### ▼ LAN / Ethernet

Realtek RTL8100CL Ethernet function for 10/100Base-TX network standards  
Windows 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
- Capabilities

### ▼ Firewire IEEE1394(a)

O2 Micro OZ128 IEEE1394 OHCI Host Controller  
Up to 400 Mbps  
Expandable up to 63 devices in chains

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

### ▼ Storage

S-ATA 2.5-inch format hard disk drive  
5.25-inch format (12.7mm height) fixed module (Optional Purchase)  
5.25-inch format (12.7mm height) fixed module (Optional Purchase)

■ Keyboard

■ Touch pad

### ▼ Keyboard & Touch pad

86/87-key QWERTY keyboard with numeric keypad and Windows keys, 19.05mm Pitch  
Built-in Touch Pad

■ Chipset  
■ Express Card /  
New Card  
■ 4-in-1 Card  
Reader Format  
Support

### ▼ NewCard (ExpressCard) & Multiple Card Reader

O2 Micro OZ128 (Card Reader)  
Single Slot, 54mm type II supported

Multimedia Card (MMC), Secure Digital Card (SD),  
Memory Stick (MS), and MS Pro Card

■ Mic-In/Audio-  
in Port  
■ Audio-Out/SPDIF  
■ Firewire  
■ USB2.0 Port  
■ Ethernet  
■ Modem  
■ S-Video  
■ Power-In  
■ VGA Port  
■ Card Reader  
■ NewCard Slot

### ▼ Ports and Connectors

One Microphone-in / Line-in jack

One Headphone / SPDIF-out jack

One Firewire (IEEE1394) host connector

Three USB2.0-compliant connectors

One standard network Ethernet connector (RJ-45)

One modem / phone connector (RJ11)

One S-video (TV-out) output connector

One DC-in connector

One 15-pin VGA connector

One 4-in-1 Card Reader slot

One NewCard Slot (type II, 54mm)

- Primary Battery Pack
- Feature
  
- Adapter  
AC-Input /  
DC-Output

### ▼ Battery Pack / AC Adapter

Li-ion 4-Cell pack, 14.4V / 14.8 V x 2000 mAH or  
 Li-ion 6-Cell pack, 10.8V / 11.1V x 4000 mAH  
 Low battery state with low battery warning beep  
 Uniwill SmartPower Power Management  
 Long Battery Life Mode and Silent Mode  
 Low battery warning beep  
 Autosensing AC-in 100~240V, DC-out 20V, 65W

- 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 Home Edition /  
 Professional SP2  
 Microsoft Windows Vista Premium

■ Dimension

■ Weight

■ Environmental  
Limits

### ▼ Physical Specification

358 (W) x 258 (D) x 28~36 (H) mm

2.7KG / 6lbs (with 15.4" LCD, DVD-ROM Drive and 4-cell battery pack)

Operating Temperature: 5 to 35°C (41 to 95°F)

Operating Humidity: 20 to 80 percent RH (5 to 35°C)

Storage Temperature: -15 to 50°C (-5 to 122°F)