

TOSHIBA

Portégé 4010

Model(s):

PIII-M 933MHz/12.1" TFT/256MB/30GB/DVD/Mdm/LAN/WiFi/WXP

Part Number

PP401U-024FL7

Product Highlights

- **Portability & Performance:** Packing state-of-the-art technology, a full-comfort keyboard and weighing in at **4.2 lbs.**, Toshiba's Portégé 4010 is today's lightweight mobile computing champion.
- **Maximum Independence & Flexibility:** With its removable Slim SelectBay optical drive, the Portégé 4010 offers extreme mobility and uncompromising performance with up to **7.6 hours of extended battery life**.
- **Uncompromising Connectivity:** The Portégé 4010 Series offers the ultimate in connectivity options, design and performance with optional integrated Wi-Fi and Bluetooth technologies.
- **Scalability:** Sharing common docking with Toshiba's corporate line of notebooks, the Portégé 4010 also includes an **integrated Secure Digital™ slot and i-Link (IEEE 1394) port** for added functionality and expandability.
- **Impressive Style:** The prestigious Portégé 4010's exquisite high-tech **magnesium casing**, and eye-catching design, leaving a powerful impression at the office, on the road, or in the air.

System Characteristics

CPU (See CPU Performance Disclaimer)**

- Low Voltage Mobile Intel Pentium III processor 933MHz – M (1.15V)
- Trident CyberALADDiN-T system chipset
- 133MHz processor side bus clock speed

L2 Cache

- 512KB Level 2 Cache integrated on die

Memory

- 128-1024MB SODIMM memory
- 128, 256, 512MB PC133 SDRAM, 3.3V

Mass Storage

- **60, 40, or 30GB** Enhanced IDE (ATA-5) hard disk drive; 9.5mm height; 60GB: 5400rpm, 12/12ms average access time (read/write), 2/2ms track to track seek time (read/write); 40GB: 5400rpm, 12/12ms average access time (read/write), 2/2ms track to track seek time (read/write); 30GB: 4200rpm, 13/13ms average access time (read/write), 3/3ms track to track seek time (read/write); user removable
- **Slim SelectBay CD-ROM**, 5.25" EIDE (ATAPI), 12.7mm height, 24X CD-ROM speed, 110ms random access time, 3.6MB/sec max data transfer rate. Compatibility: CD-ROM, CD-R (read only), CD-RW (read only)
- **Slim SelectBay DVD-ROM**, 5.25" EIDE (ATAPI), 12.7mm height, 8X DVD-ROM, 24X CD-ROM speed, 90ms random access time (DVD-ROM), 10.8MB/sec max data transfer rate (DVD-ROM). Compatibility: CD-ROM, CD-R (read only), CD-RW (read only), DVD-ROM, DVD-R (read only)
- **Slim SelectBay CD-R/RW**, 5.25" EIDE (ATAPI), 12.7mm height, 8X CD-R, 8X CD-RW, 24X CD-ROM speed, 110ms random access time (CD-RW), 1.2MB/sec max data transfer rate (CD-RW), Compatibility: CD-ROM, CD-R (read/write), CD-RW (read/rewrite)
- **Slim SelectBay DVD-ROM/CD-RW**, 5.25" EIDE (ATAPI), 12.7mm height, 8X DVD-ROM, 8X CD-R, 8X CD-RW, 24X CD-ROM, 180ms random access time (DVD-ROM), 10.8MB/sec max data transfer rate (DVD-ROM). Compatibility: CD-ROM, CD-R (read/write), CD-RW (read/rewrite), DVD-ROM, DVD-R (read only)
- Slim SelectBay Battery, Lithium Ion (10.8V, 3000mAh)
- Slim SelectBay Hard Disk Drive: 30GB and 40GB (Adapter required)
- **USB Floppy Drive**, 3.5", 1.44MB

Graphics/Video

- 12.1" TFT Poly-silicon color LCD; internal display supports up to 16M colors at 1024 x 768 (XGA)
- Trident CyberALADDiN-T graphics controller; 16MB external UMA video memory
- 3D Graphics Accelerator, 4x AGP bus support; 2D Graphics Accelerator, BitBLT hardware, Hardware cursor, Direct Draw

- support
- External Color Support:
800 x 600, 640 x 480; 60/75/85Hz Non-Interlaced @ 16M
1024 x 768; 85Hz Non-Interlaced @ 64K
1280 x 1024, 1024 x 768; 60/75Hz Non-Interlaced @ 16M
1280 x 1024; 60/75/85Hz Non-Interlaced @ 64K
1600 x 1200; 60Hz Non-Interlaced @ 64K

Input Devices

- Keyboard: 84 keys with 12 function keys, 2.7mm key stroke, 6mm height; Dedicated Windows® & Application keys support; HotKey function
- Mouse: Integrated AccuPoint® II pointing device with scroll buttons

Expandability

- 2 Expansion memory slots (including Main Memory)
- 2 PC Card slots support 2 Type II or 1 Type III PC Cards, PCMCIA R2.01, PC Card16, CardBus
- Secure Digital™ (SD) slot

Communications

- Integrated V.90 56K modem
- Due to FCC limitations, speeds of 53kbps are the maximum permissible transmission rates during download. Actual data transmission speeds will vary depending on line conditions.
- Integrated 10Base-T/100Base-TX Ethernet
 - Integrated Fast Infrared (4Mbps)
 - Optional integrated Wi-Fi compliant wireless LAN – Cisco or Agere (802.11b)
 - Optional integrated Bluetooth (v1.1)

Ports

- i.LINK port
- RGB (monitor) port
- 2 Universal Serial Bus (USB) port (v1.1)
- Infrared port
- 240 pin docking connector
- RJ-45 LAN port
- RJ-11 modem port

Physical Description

- Dimensions (LxWxH): 10.6" x 9.8" x 1.2/1.3"
- Weight: 4.2lbs (with DVD-ROM drive)
- Travel weight: 3.8 (with weight saver)
- LED Indicators: Power, Hard Drive, Slim SelectBay, DC-IN, Primary Battery, Wireless indicator, Caps Lock, Arrow Lock, Numeric Lock, SD Indicator light

Sound

- ALi M1535B integrated software sound
- 16-bit stereo; Built-in stereo speakers
- Direct 3D Sound; DirectSound and DirectMusic; Full Duplex and MIDI support
- Sound Volume Control Dial
- Microphone port, headphone port

Power Supply

- AC Adapter: 45W Auto sensing external AC Adapter, 100-240V / 50-60Hz frequency (Universal) input voltage. Dimensions (LxWxH): 4.25" x 1.8" x 1.1" Weight: 0.48lbs
- Battery Pack: 6-cell, rechargeable, removable Lithium Ion (Li-Ion) battery, Dimension (LxWxH): 2.8" x 5.0" x 0.8" Weight: 0.73lbs
- Up to 3.9 hours battery life (Normal mode with Primary battery)
- Up to 7.6 hours battery life (Normal mode with Primary battery and Slim SelectBay battery)
- Recharge time: 2.5 hours
- Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum

capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit www.accessories.toshiba.com

Security

- Slot for cable lock; Memory and HDD (by screw only); User Power-on password, HDD Password, Supervisor Password, Fingerprint Security (with PC Card), Keyboard Lock (by HotKey), Screen Blank (by HotKey), Screen Saver by software

BIOS

- TSETUP, APM, ACPI, PnP, VESA, DPMS, DDC, SM BIOS, PC BIOS support

Operating System

- Microsoft® Windows XP Professional
- Microsoft Windows 2000 Professional

Additional Software

- Adobe Acrobat Reader
- SPANworks
- InterVideo WinDVD
- Windows Media Player
- Microsoft Internet Explorer
- Toshiba Custom Utilities
- Electronic User's Guide

Warranty

- 3 year parts, labor and 1 year battery

Environmental Specifications

- **Temperature:** Operating: 5° to 35°C (41° to 95°F); Non-operating: -20° to 65°C (-4° to 149°F)
- **Thermal gradient:** Operating: 15°C per hour maximum; Non-operating: 20°C per hour maximum
- **Relative Humidity:** Operating: 20% to 80%; Non-operating: 10% to 90%
- **Altitude (relative to sea level):** Operating: -60 to 3000 meters; Non-operating: -60 to 10,000 meters
- **Shock:** Operating: 7G; Non-operating- 60G
- **Vibration:** Operating: 0.2G; Non-operating: 1.0G

Accessories

Toshiba Accessories

PA3083U-1ACA	75W Universal AC Adapter
PA3080U-1ACA	45W Universal AC Adapter
PA3176U-1BRS	Li-Ion Battery
PA3091U-1CHG	Battery Charger
PA3109U-1FDD	Floppy Disk Drive
PA3116U-1H30	30GB Hard Disk Drive (Adapter required)
PA3133U-1H40	40GB Hard Disk Drive (Adapter required)
PA3096U-1BRS	Slim SelectBay Battery
PA3090U-1ETC	Slim SelectBay Hard Disk Drive Adapter
PA3117U-1CDD	Slim SelectBay CD-ROM
PA3087U-1DVD	Slim SelectBay DVD-ROM
PA3088U-3CD1	Slim SelectBay CD-R/RW
PA3162U-1CD2	Slim SelectBay CD-RW/DVD-ROM
PA3082U-1PRP	Advanced Port Replicator

KINGSTON Memory

KTT-SO133/128	128MB PC133 SDRAM Memory
KTT-SO133/256	256MB PC133 SDRAM Memory
KTT-SO133/512	512MB PC133 SDRAM Memory

Cases (Targus)

NWCTM1	Metropolitan Carrying Case (koskin)
NWCSS1	Suburban Carrying Case (nylon)
NWCER1	Excursion Roller

Wi-Fi (Agere)

7000011030	AP-2000 (802.11a/b) Access Point
8485878380	Orinoco AP-500 Access Point

Product/Part Numbers/UPC

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Part Number: PP401U-024FL7 UPC Code: 032017170537

*GB = 1 Billion Bytes

* Central Processing Unit ("CPU") Performance Disclaimer:

CPU performance in your computer product may vary from specifications under the following conditions:

- use of certain external peripheral products
- use of battery power instead of AC power
- use of certain multimedia games or videos with special effects
- use of standard telephone lines or low speed network connections
- use of complex modeling software, such as high end computer aided design applications
- use of computer in areas with low air pressure (high altitude >1,000 meters or >3,280 feet above sea level)
- use of computer at temperatures outside the range of 5°C to 35°C (41°F to 95°F) or >25°C (77°F) at high altitude (all temperature references are approximate).

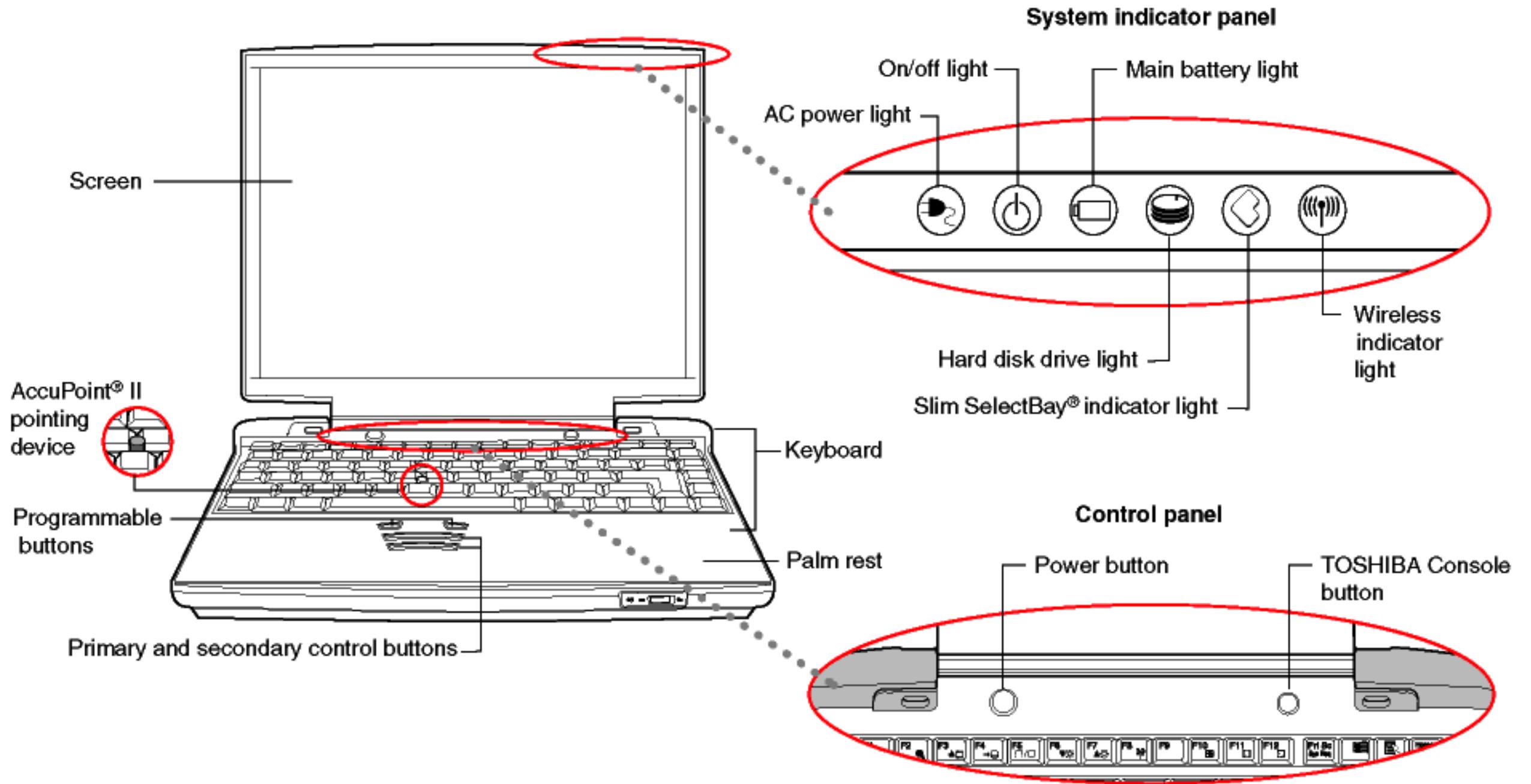
CPU performance may also vary from specifications due to design configuration.

Under some conditions, your computer product may automatically shut-down. This is a normal protective feature designed to reduce the risk of lost data or damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing it on an external storage medium. For optimum performance, use your computer product only under recommended conditions. Read additional restrictions under "Environmental Conditions" in your product Resource Guide. Contact Toshiba Technical Service and Support for more information.

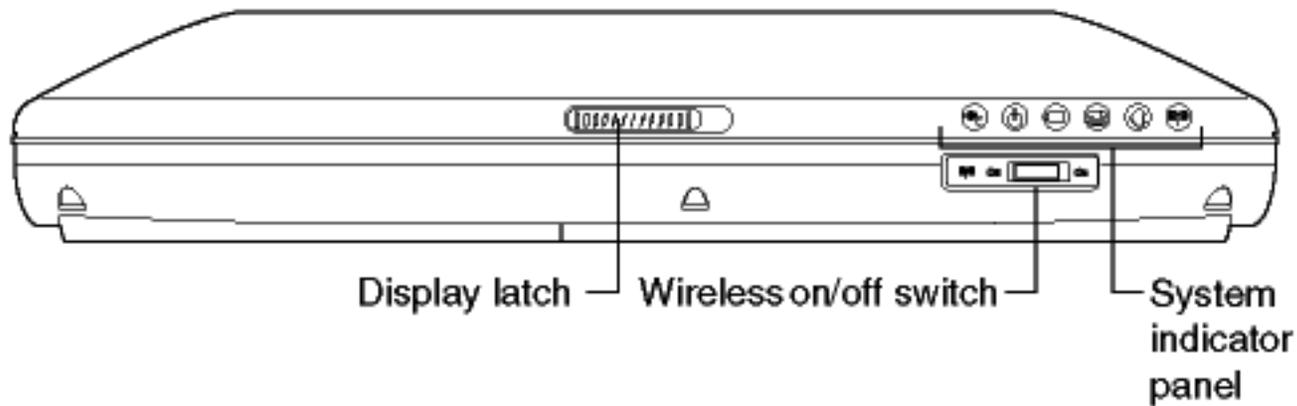
Return Policy

TAIS does not accept the return of component parts, or bundled software, which have been removed from the PC system. Pro-rata refunds on individual PC components or bundled software, including the operating system, will not be granted. If you wish to return a complete PC system, contact the TAIS dealer where you purchased the product, and comply with the dealer's standard return policies and procedures.

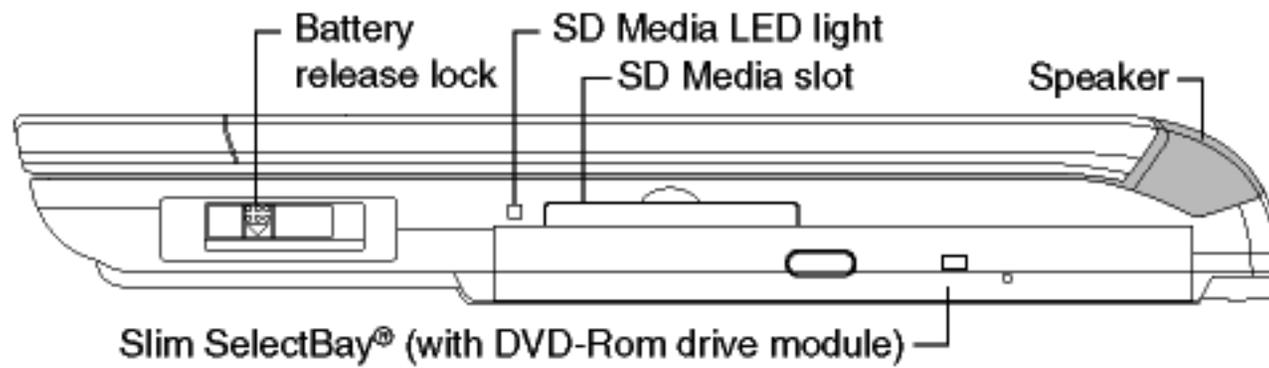
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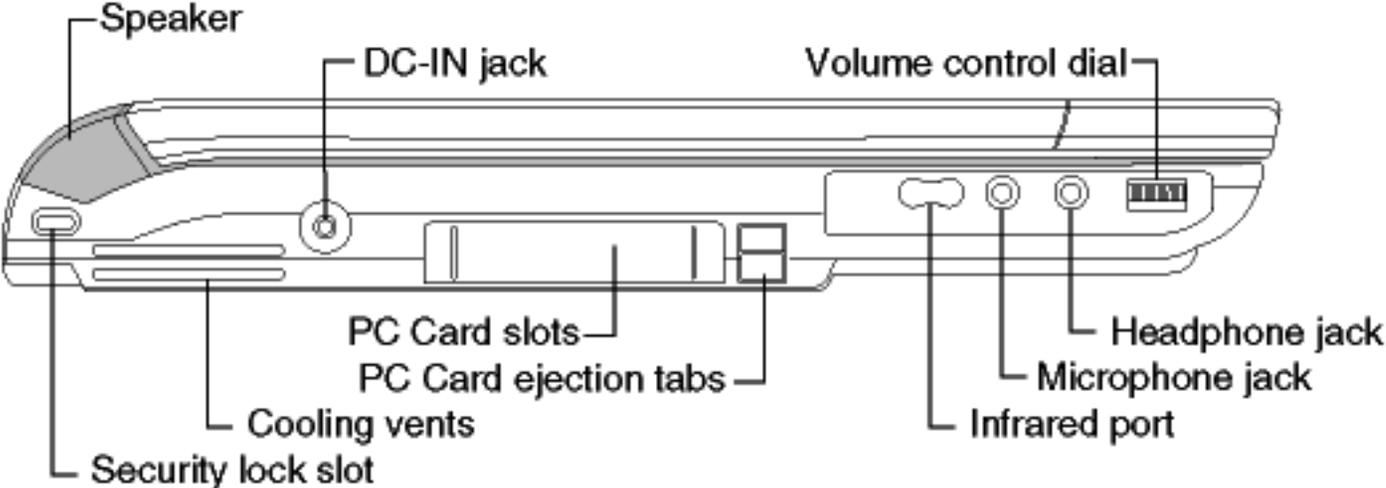
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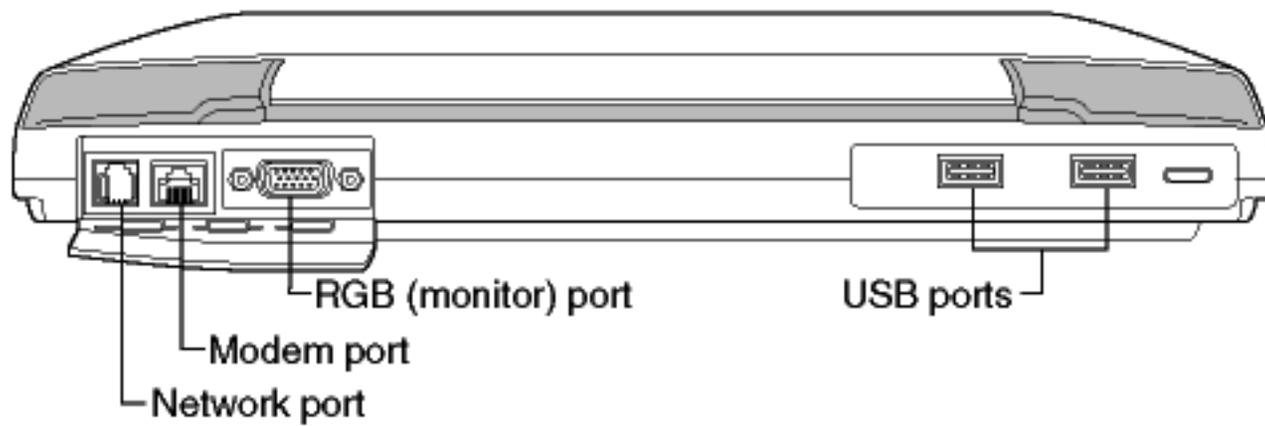
Right side



Left side



Back



Underside

