TOSHIBA

Satellite® 1110 Series

Great Features at a Value Price

Model(s): Part Numbers

Satellite 1110-S153

Cel1800MHz/14.1"TFT/256MB/20GB/DVD/Mdm/LAN/Li-Ion/WinXP Pro	PS111U-006MN7

Satellite 1110 Small Business Series Notebooks

Cel1800MHz/14.1"TFT/256MB/20GB/DVD/Mdm/LAN/Li-Ion/WinXP Pro/Office XP SB	PS111U-006MN7W
Cel1800MHz/14.1"TFT/256MB/20GB/DVD/Mdm/LAN/Li-Ion/WinXP Pro/Office XP Pro	PS111U-006MN7X

Product Highlights

Performance

- Intel® Celeron® processor at 1.80GHz
- 256MB expandable to 512MB

All-in-one design

- 20GB* hard disk drive
- DVD-ROM drive
- 3.5" 1.44MB floppy disk drive

Great Features

- 14.1" TFT active-matrix display
- ATI M6-C graphics controller with 16MB VRAM

Get On-Line

- Integrated V.92/56K modem
- Integrated 10/100 Ethernet LAN

System Characteristics

CPU

- Intel® Celeron® processor at 1.80GHz*
- Integrated co-processor

L2 Cache

- 256KB Level 2 Cache integrated in module
- 400MHz processor bus clock speed

Memory

- 256MB expandable to 512MB
- Expansion Memory: SODIMM, 128Mbit/256Mbit PC1600 SDRAM, 2.5V
- Data/Address Bus Width; 64-bit/32-bit
- BIOS ROM: CMOS Flash EPROM; 4Mbit
- Intel® 845MZ Chipset

Mass Storage

- **Floppy Disk Drive:** 3.5", 1.44MB
- **Primary Hard Disk Drive**: 20GB* hard disk drive; Enhanced IDE (ATA-5) Interface; 9.5mm height, 0.2lbs, 13ms average access time (read), 3ms track to track seek time (read), supports PIO mode4, Ultra DMA mode5 & Multiword DMA mode2
- **DVD-ROM**: Enhanced IDE (ATAPI Interface); Compatibility: CD-ROM, CD-R(read-only), CD-RW(read only), DVD-ROM, DVD-R(read only); supports PIO mode4, Ultra DMA mode2 & Multiword DMA mode2
- Software Decoder: WinDVD

Graphics/Video

- 14.1"TFT color LCD active-matrix display; internal display supports 1024 x 768 Resolution
- 16MB ATI M6-C graphics controller; 16MB external DDR video memory
- 3D Graphics Accelerator, AGP bus support; 2D Graphics Accelerator, BitBLT hardware, Hardware cursor, DirectDraw support
  External Color Support/Refresh rate: *(depending on CRT)*
  - 800x600; 60/70/72/75/85/90/100/120/160Hz @16M
  - 1024x768; 60/70/72/75/85/90/100/120HZ @16M
    1280x1024; 60/70/75/85/100Hz @16M
  - 1600x1200; 60/75/85/100 @ 64K

Input Devices

- **Keyboard:** Full sized 85 keys with 12 function keys, 3mm key stroke, 7mm height; Dedicated Windows® & Application keys support; HotKey function; TouchPad pointing device; Scroll function (by help of driver)

Expandability

- 2 Expansion memory slots (including main memory slot); 2 PC Card slots support 2 Type II or 1 Type III PC Cards; 32-bit CardBus ready

Communications

- Integrated V.92/56K modem; Data and fax support
- Integrated 10/100 Ethernet LAN

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.

Ports

- Parallel printer port
- RGB (Monitor) port
- TV-Out
- 3 Universal Serial Bus ports (USB 1.1)
- RJ-11 modem port
- RJ-45 LAN port

Physical Description

- Dimensions (LxWxH): 12.6" x 10.9" x 1.5"
- Weight: **6.9** lbs
- LED Indicators: Power, Power Save Mode, HDD, CD/DVD, FDD, DC-IN, Caps Lock, Arrow, Numeric, Main Battery Charging Status, System Sleep / Suspend status

Sound

- Realtek ALC202A Codec Chip; Software sound
- 16-bit stereo, Windows Sound System; SoundBlaster® Pro compatible (in DOS box only); Built-in stereo speakers
- 3D sound support with HRTF 3D positional audio; Direct 3D Sound (supported by sound driver); Hardware acceleration for DirectSound and DirectMusic; Full Duplex and MIDI support
- Sound Volume
- **Ports:** Microphone port, headphone port

Power Supply

- **AC Adapter: 75**W AC Adapter, 100-240V / 50-60Hz frequency (Universal) input voltage, 19V x 3.95A Output.
  Dimensions (LxWxH): 4.3" x 2.4" x 1.2"
  Weight: 0.7lbs
- **Battery Pack:** 8-cell, rechargeable, removable Li-Ion battery, 58Wh
- **Dimension (LxWxH):** 5.0" x 3.8" 0.8"
  Weight: 1.01lbs
- Up to 2.0H battery life; Recharge time (Off/On): 3.5H / 3.5-8H approx.
  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

- Cable lock slot, HDD and memory (by screw only), Built-in Modem (screw only), User Power on Password, Supervisor Password, Setup Security, Screen Blank (by Hotkey), Screen Saver by software

Bios

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- ACPI, PnP, VESA, DPMS, SM BIOS, PC BIOS support

Operating System

- **Microsoft® Windows XP Pro pre-installed**
- Microsoft® Windows 2000 component drivers on the web

Additional Software

- Microsoft® Office XP SB (Small Business) - **(on some models – See Part Number list below)**
- Microsoft® Office XP Pro (Professional) - **(on some models – See Part Number list below)**
- Intuit Quicken Basic 2001
- AOL (3 –Month offer)
- Adobe Acrobat Reader
- AT&T Worldnet® Service – 1 Month Free
  Telephone access and other charges and other terms and conditions may apply. Offer available to new customers only. Offer expires 4/30/04.
- Microsoft Internet Explorer
- Toshiba Custom Utilities
- Satellite Series Online Documentation
- ***Toshiba Great Software Offer*:** Receive your choice of two software titles. The software selection includes titles from the follow categories; productivity, education/reference, creativity and entertainment

Warranty

- 1 year parts, labor and 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-condensing; Non-operating: 10% to 95% non-condensing
- **Altitude (relative to sea level):** Operating: 0 to 3000 meters; Non-operating: 0 to 10,000 meters
- **Shock:** Operating: 10G; Non-operating: 60G
- **Vibration:** Operating: 0.5G; Non-operating: 1.0G

Accessories

Toshiba Accessories

PA3165U-1ACA	Universal AC Adaptor
PA3209U-1BRS	Battery Pack (Li-Ion)

Other Accessories

PA450U	Targus® Defcon Key Lock

KINGSTON Memory

KTT3614/128	128MB PC2100 SDRAM Memory
KTT3614/256	256MB PC2100 SDRAM Memory

Targus (Cases)

NWCSS1	Suburban Carrying Case (nylon)

Wi-Fi (Agere)

8484415560	Wireless LAN PC Card (Gold)
7000011030	AP-2000 (802.11a/b) Access Point
8485878380	AP-500 (802.11b) Access Point

Product/Part Numbers

Satellite 1110-S153	PS111U-006MN7
Satellite 1110 Small Business Series (Office XP SB)	PS111U-006MN7W
Satellite 1110 Small Business Series (Office XP Pro)	PS111U-006MN7X

* 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.

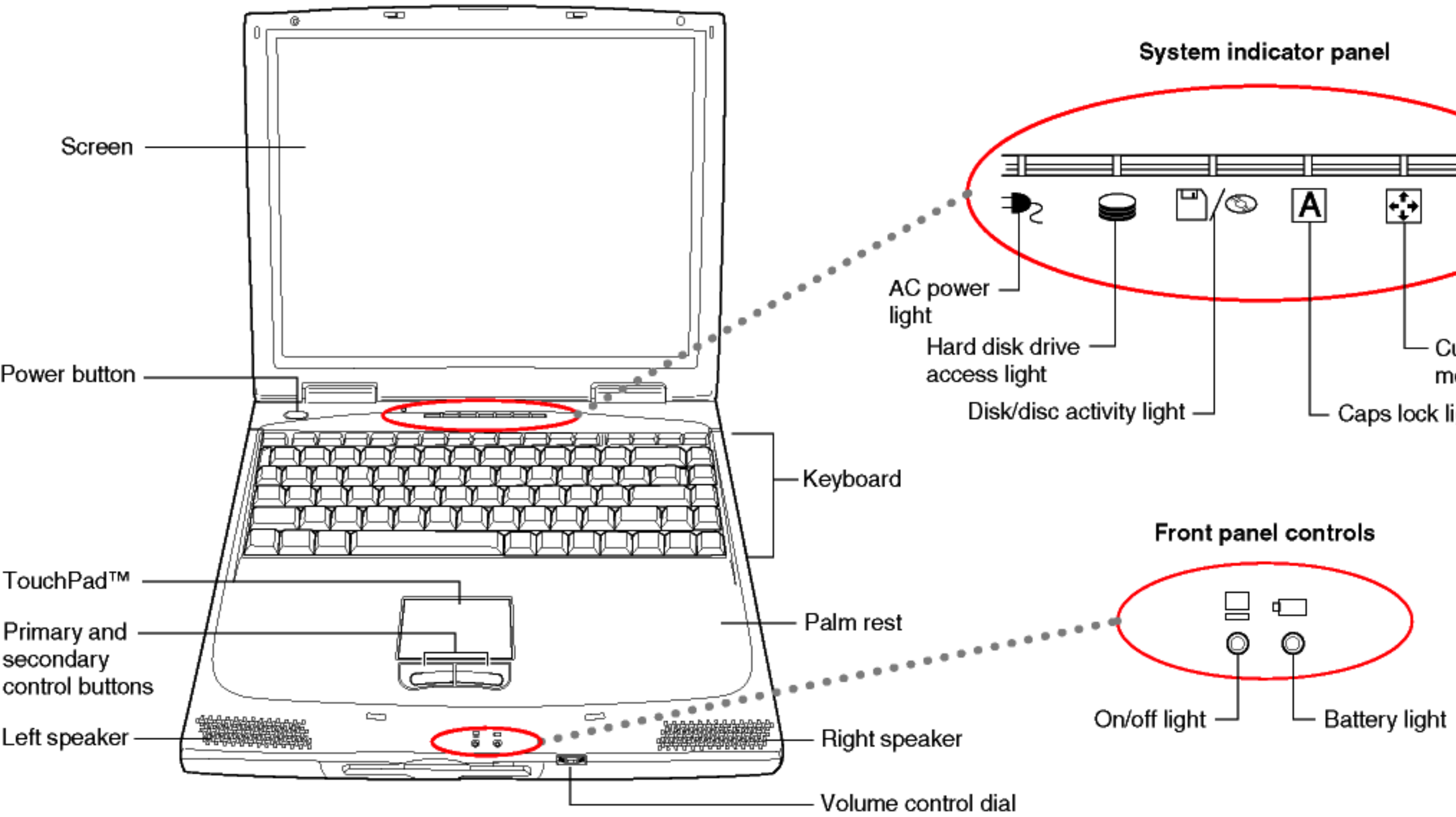
Under some conditions, your computer product may automatically shut-down. This is a normal protective feature designed to reduce the risk of lost data or damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing 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

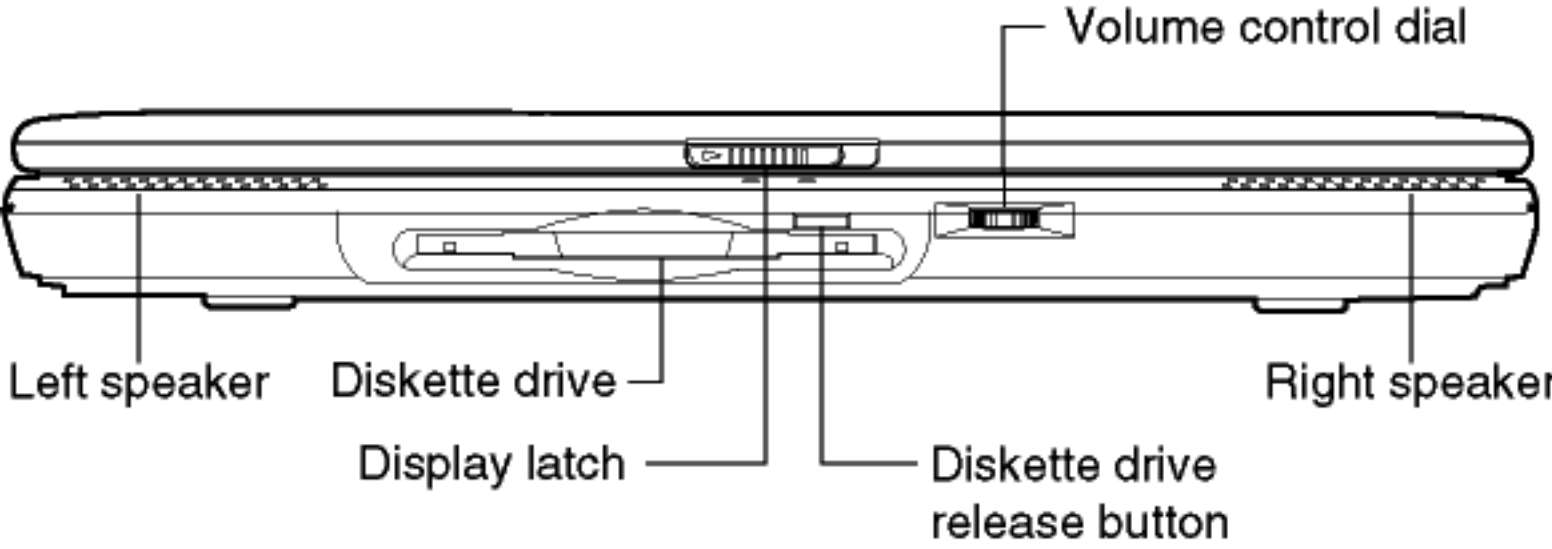
TAIS does not accept the return of component parts, or bundled software, which have been removed from the PC system. Pro-rata refunds on individual PC components or bundled software, including the operating system, will not be granted. If you wish to return a complete PC system, contact the TAIS dealer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

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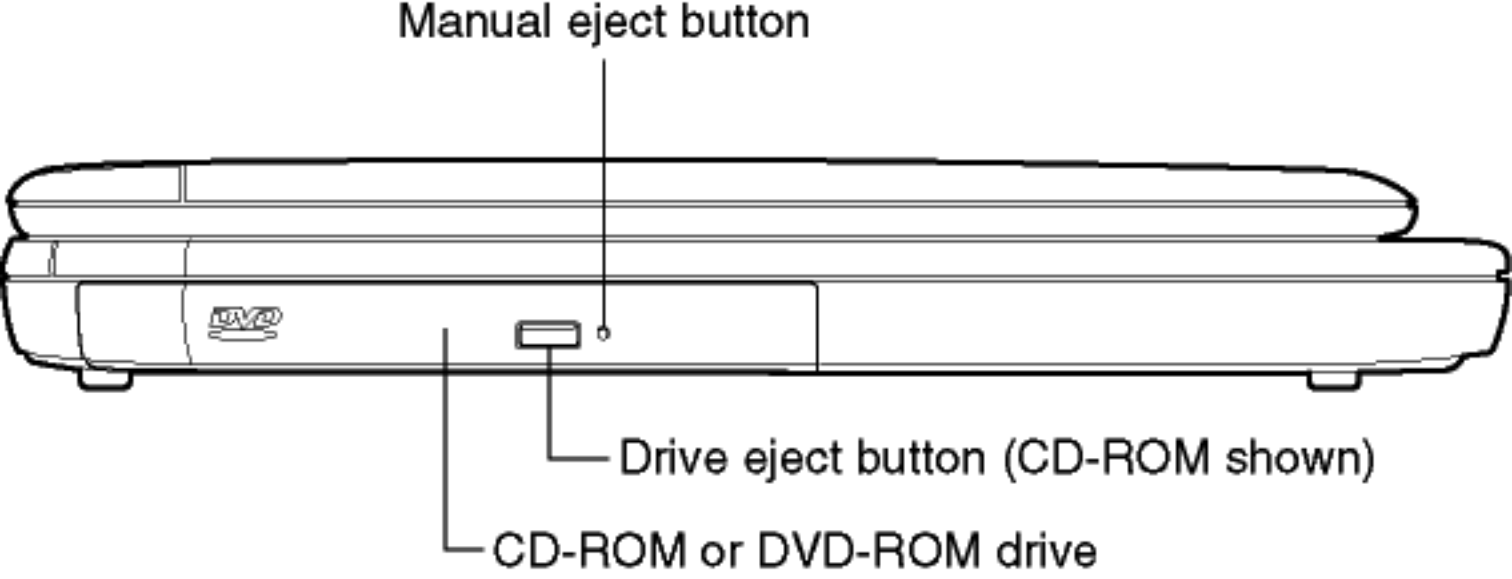
Front with display open



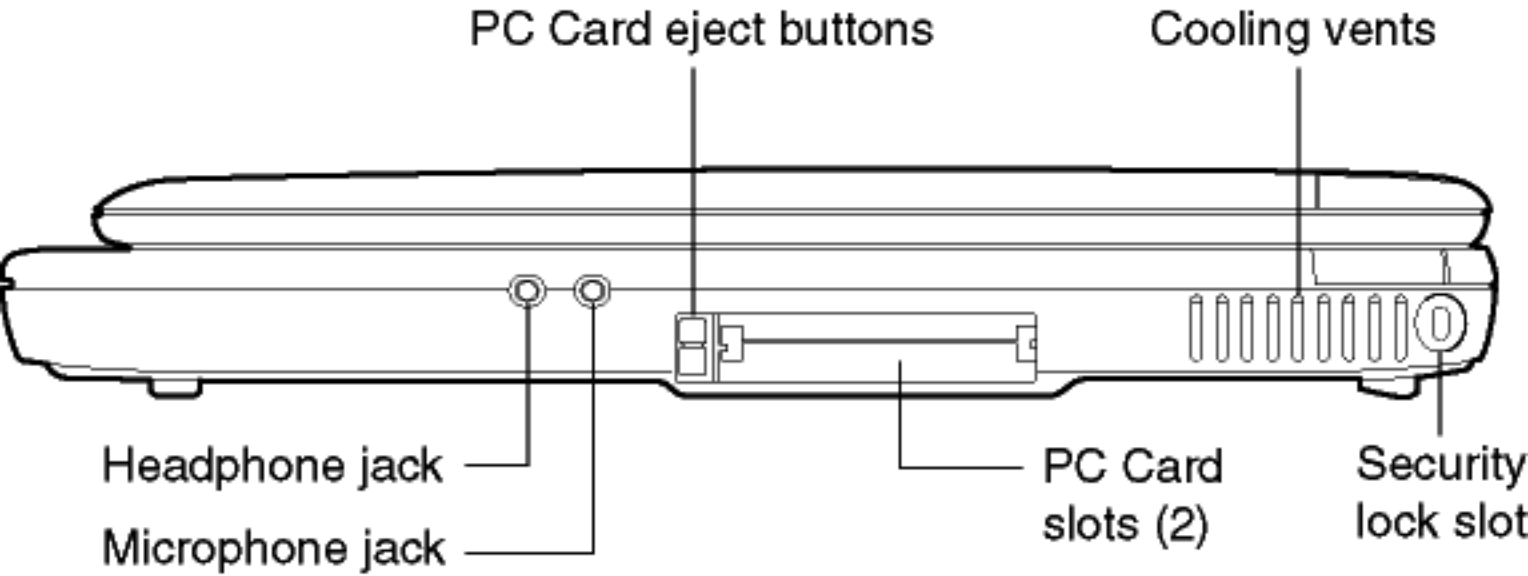
Front with display closed



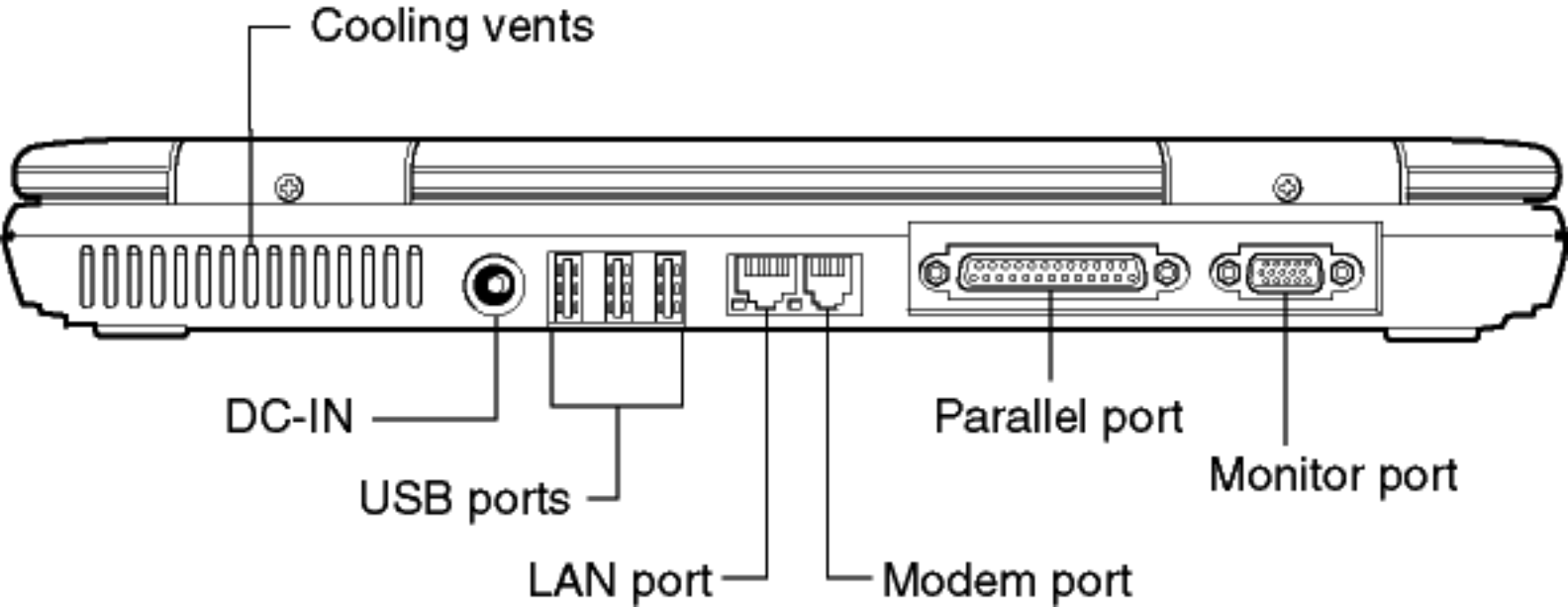
Left side


Manual eject button
Drive eject button (CD-ROM shown)
CD-ROM or DVD-ROM drive

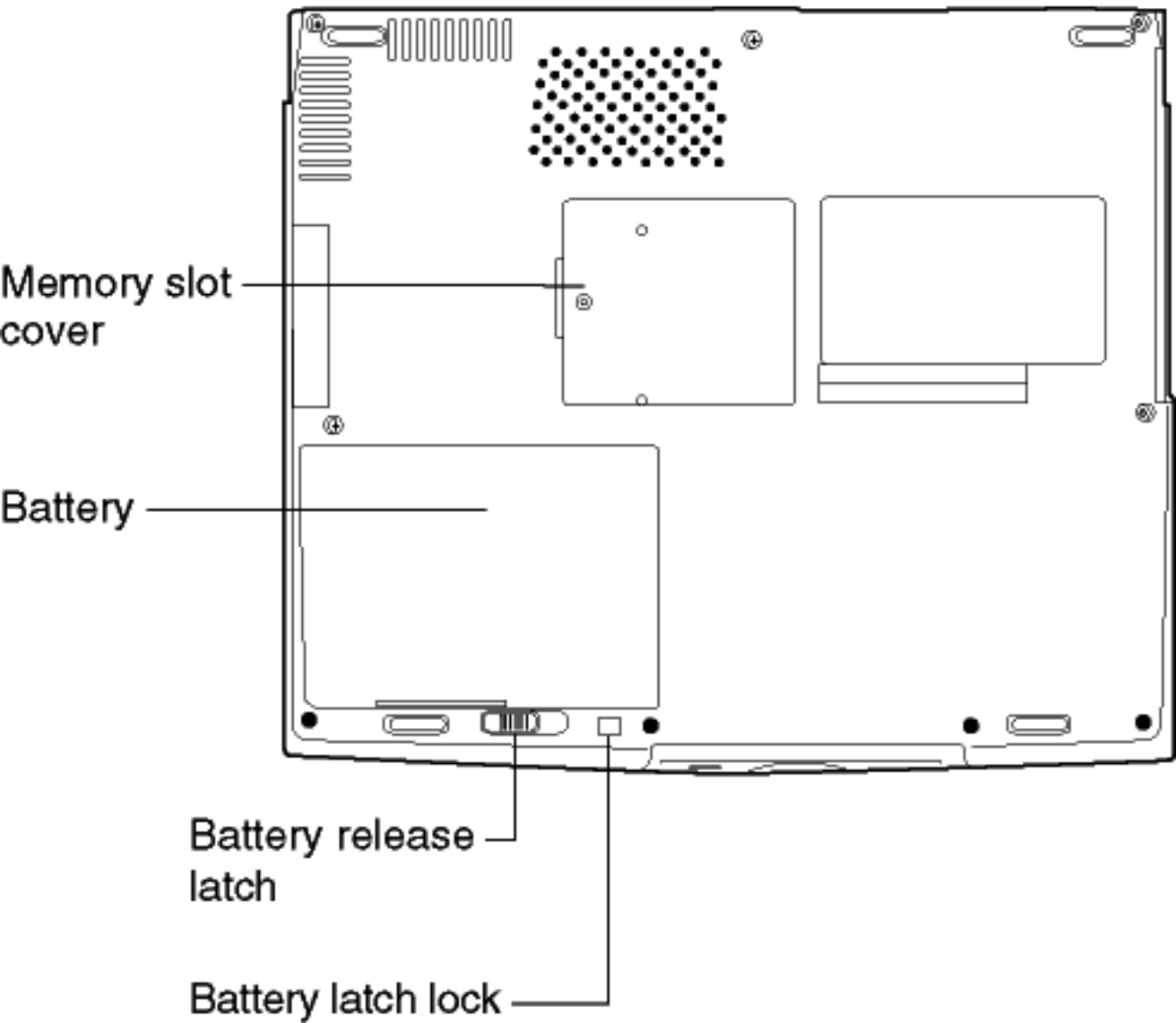
Right side


PC Card eject buttons
Cooling vents
Headphone jack
Microphone jack
PC Card slots (2)
Security lock slot

Back


Cooling vents
DC-IN
USB ports
LAN port
Modem port
Parallel port
Monitor port

Underside


Memory slot cover
Battery
Battery release latch
Battery latch lock