

# SPECIFICATIONS

## Gateway 200ARC Notebook

Specifications are subject to change without notice or obligation.

### Processor and Core Logic

Processor options

- One Intel® Pentium® -M CPU  
-OR-
- One Intel® Celeron® -M CPU

To determine your notebook's processor speed, click **Start, My Computer**, then click **View System Information**. The processor speed is listed.

Processor packaging

Intel micro-FCBGA

Level 2 cache

1 MB with Advanced Transfer Cache Architecture

Core logic

Intel 85855GM + Intel ICH4-M

Processor side bus speed

- 400 MHz front side bus  
-OR-
- 800 MHz front side bus

BIOS

- Phoenix BIOS
- 512 KB Flash ROM
- SMBIOS 2.3 support
- Advanced Configuration and Power Interface 2.0 (ACPI 2.0) support
- Advanced Power Management 1.2 (APM 1.2)

### System memory

Memory type

266 MHz DDR-SDRAM

Memory expansion options

- Two 200-pin industrial standard DDR-SODIMM sockets
- Accepts two PC-2100 SDRAM memory modules
- 2 GB maximum system memory
- No on-board memory

To determine your notebook's memory, click **Start, My Computer**, then click **View System Information**. The memory is listed.

## Video

Graphics controller	<ul style="list-style-type: none"><li>▪ Intel 82855GM (chipset integrated)</li><li>▪ 2D hardware acceleration</li><li>▪ 3D rendering acceleration</li></ul>
Video memory	UMA (shared memory) architecture with Dynamic Video Memory Technology (DVMT)
LCD display panel	14.1-inch active matrix (TFT) LCD color display Maximum panel resolution: 1024 × 768 Maximum color depth: 32-bit (16.7 million colors)
LCD supported video modes	XGA
LCD maximum refresh rate	60 Hz
Controls	<ul style="list-style-type: none"><li>▪ Brightness level selectable through FN keys (up, down)</li><li>▪ Icon to display 8 levels of brightness</li><li>▪ Auto dim on battery</li><li>▪ Auto bright on AC power</li></ul>
External video	<ul style="list-style-type: none"><li>▪ Supports dual display and extended desktop</li><li>▪ Integrated TV encoder</li></ul>
External CRT resolutions	Supports standard IBM VGA compatible modes Maximum resolution: 2048 × 1536 × 32-bit colors
External CRT maximum refresh rate	75 Hz
TV out (S-Video) jack	Supports NTSC/PAL connection to standard TV monitors with S-Video jacks.
IEEE 1394	<ul style="list-style-type: none"><li>▪ One 4-pin connector</li><li>▪ 100/200/400mps</li><li>▪ Supports video and audio capture</li><li>▪ Software included for motion and still-frame capture</li></ul>

## Audio

Audio chipset	Sigmatel® Soft Audio AC97 rev 2.3 codec (STAC9752)
Sound support	<ul style="list-style-type: none"><li>▪ PCI interface audio</li><li>▪ Multi-stream Direct Sound and Direct Sound 3D acceleration</li><li>▪ SoundBlaster Pro, MIDI, Windows Sound System compatible, MP3, WMA</li><li>▪ S/PDIF output for PCM or AC-3 content via Toslink jack on notebook</li><li>▪ PCI Power Management Interface (PPMI) 1.1 compliant</li></ul> NOTE: This notebook does not have an internal microphone.

- |                   |  |
|-------------------|--|
| Digital DVD audio | Provides full 5.1 channel Dolby Digital output (AC-3) from DVD decoder through Toslink optical S/PDIF jack on notebook.                  |
| Volume controls   | <ul style="list-style-type: none"> <li>▪ Volume control keys on keyboard</li> <li>▪ Software control provided through Windows</li> </ul> |
| Internal speakers | <ul style="list-style-type: none"> <li>▪ Stereo speakers built into front of notebook</li> <li>▪ 1.0 W maximum output</li> </ul>         |
| Audio jacks       | <ul style="list-style-type: none"> <li>▪ Stereo headphone output</li> <li>▪ Monophonic microphone input</li> </ul>                       |

## Communications

- |   |   |
|---|---|
| Modem features  | <ul style="list-style-type: none"> <li>▪ Integrated V.92/56K data/fax modem</li> <li>▪ Uses the RJ-11 jack on the left side of the notebook</li> <li>▪ Supports Wake on Ring from S3 power mode</li> </ul>  |
| 10/100 Mbps Ethernet interface features                         | <ul style="list-style-type: none"> <li>▪ Integrated IEEE 802.3 (10/100 BASE-TX) Ethernet interface</li> <li>▪ Uses the RJ-45 jack on the left side of the notebook</li> <li>▪ Supports Wake on LAN from S3 power mode</li> </ul>  |
| Wireless Ethernet interface features (Factory installed option) | <ul style="list-style-type: none"> <li>▪ Intel® PRO/Wireless IEEE 802.11b network card embedded in the notebook</li> <li>-OR-</li> <li>▪ Intel® PRO/Wireless IEEE 802.11b/g network card embedded in the notebook</li> <li>-OR-</li> <li>▪ Broadcom BCM94306 IEEE802.11g network card embedded in the notebook</li> <li>-OR-</li> <li>▪ Broadcom BCM94300 IEEE802.11a/g network card embedded in the notebook</li> </ul> <p><b>Antenna:</b> Uses factory-installed internal antenna assembly</p> <p><b>Operating channels:</b> 11 selectable channels</p> <p><b>Security:</b> 128 and 64 bit WEP encryption</p> <p><b>Operating Frequency</b></p> <ul style="list-style-type: none"> <li>▪ 2.4 GHz Direct Sequence Spread Spectrum (IEEE 802.11b and IEEE 802.11g)</li> <li>▪ 5.0 GHz (IEEE 802.11a)</li> </ul> <p><b>Maximum Data Rate</b></p> <ul style="list-style-type: none"> <li>▪ 54 Mbps (IEEE802.11g and IEEE 802.11a)</li> <li>▪ 11 Mbps (IEEE802.11b)</li> </ul> |

## Input/Output (I/O)

Keyboard	<ul style="list-style-type: none"><li>▪ U.S. English keyboard</li><li>▪ Full-sized 88-keys</li><li>▪ 19 mm × 19 mm key pitch</li><li>▪ 2.4 mm keystroke</li></ul>
Pointing device	<ul style="list-style-type: none"><li>▪ Gateway EZ-Pad™ touchpad</li><li>▪ 2-button plus wheel design</li></ul>
Multifunction buttons	Four “hot keys” that launch Web browser, e-mail, My Computer, and turn wireless Ethernet on and off.
LED status indicators	<ul style="list-style-type: none"><li>▪ PAD lock</li><li>▪ Caps lock</li><li>▪ Scroll lock</li><li>▪ Hard drive access</li><li>▪ Battery status</li><li>▪ Power/Suspend</li></ul>
Input/Output (I/O) ports	<ul style="list-style-type: none"><li>▪ Two USB 2.0 (4-pin)</li><li>▪ IEEE 1394 (4-pin)</li><li>▪ V.92, 56K Modem (RJ-11)</li><li>▪ 10/100 Ethernet (RJ-45)</li><li>▪ External monitor (VGA)</li><li>▪ S/PDIF digital audio out</li><li>▪ TV out (S-Video) (NTSC/PAL composite video)</li><li>▪ Stereo headphone output</li><li>▪ Monophonic microphone input</li><li>▪ PC Card socket (one Type II)</li><li>▪ DC input</li></ul>
PCMCIA	<ul style="list-style-type: none"><li>▪ Accepts one Type II device</li><li>▪ R5C593 controller</li></ul> <p>NOTE: This notebook does not support Zoom Video.</p>

## Storage

Hard drive controller	Supports up to Ultra DMA 100 and up to PIO mode 4
Hard drive	<ul style="list-style-type: none"><li>▪ User removable</li><li>▪ 2.5-inch diameter</li><li>▪ 9.5 mm height</li></ul> <p>To find the hard drive capacity, click <b>Start</b>, then click <b>My Computer</b>. Right-click the drive letter, then click <b>Properties</b>. The drive's capacity and available space appear. If the drive has multiple partitions (for example, C: and D:), add the capacities of each partition to determine the drive's total capacity.</p>

Optical drive (factory installed)

Available drives include:

- CD
- DVD
- DVD/CD-RW
- DVD-RW/CD-RW

To determine the type of drive in a bay, examine the drive tray's plastic cover. A CD Compact Disc logo indicates a CD drive, a DVD logo indicates a DVD drive, a DVD logo in combination with a CD-R/RW logo indicates a DVD drive that also is a recordable/rewritable CD drive, and a DVD-ROM/R/RW logo in combination with a CD-R/RW logo indicates a recordable/rewritable DVD drive that also is a recordable/rewritable CD drive.

## Power

AC adapter

- 19 VDC, 3.15A, 60 W output
- Automatically adjusts for 100 to 240 VAC, 50 to 60 Hz power source
- Two-wire design

Battery type

### Standard

- Removable 3-cell Lithium Ion battery pack
- Embedded controller inside to support smart battery

### Extended Life

- Removable 6-cell Lithium Ion battery pack

Battery capacity

### Standard

- 2.2 Ah
- 11.1 V nominal
- 24.4 Wh

### Extended Life

- 4.4 Ah
- 11.1 V nominal
- 48.8 Wh

Battery life varies depending on configuration, programs, power management settings, and features used. Recharge time varies, depending on usage.

Power management

- Advanced Configuration and Power Interface 2.0 (ACPI 2.0) support
- SMBIOS 2.3
- PC 2001 compliant
- CPU supports Intel® Speedstep™ technology

Controls

- Keyboard-activated pop-up display gives battery charge as a percentage remaining
- Icon on taskbar shows battery charge as a percentage remaining
- Battery meter on battery

Power switch	Supports Power On/Off, Standby/Resume, Hibernate, Shutdown
Lid switch	LCD On/Off, Standby, Hibernate

## Security

Passwords	<ul style="list-style-type: none"> <li>▪ Power-on password (2-level password support)</li> <li>▪ Hard drive password</li> </ul>
Physical	<ul style="list-style-type: none"> <li>▪ Main system memory compartment screw</li> <li>▪ Hard drive kit screw</li> <li>▪ Mini PCI bay security screw</li> <li>▪ Kensington® security slot</li> </ul>

## System software

Operating system	<ul style="list-style-type: none"> <li>▪ Microsoft® Windows® XP Professional</li> <li>▪ Microsoft® Windows® XP Home Edition</li> <li>▪ Microsoft® Windows® 2000</li> </ul>
System management	<ul style="list-style-type: none"> <li>▪ SMBIOS 2.3 BIOS support</li> <li>▪ Advanced Configuration and Power Interface 2.0 (ACPI 2.0) support</li> <li>▪ Support for Wake on LAN from S3 power mode</li> <li>▪ Support for Intel® LANDesk® Client manager 6.0</li> </ul>
System compatibility	<ul style="list-style-type: none"> <li>▪ PC2001 specification</li> <li>▪ Advanced Power Management 1.2 (APM1.2)</li> <li>▪ Advanced Configuration and Power Interface 2.0 (ACPI 2.0)</li> <li>▪ SMBIOS 2.3</li> <li>▪ Windows Hardware Quality Labs (WHQL) certified</li> </ul>
Quick boot	Supported

## Physical specifications

Dimensions	<p>~12.42 × 10.20 × 0.94 in. (W × D × H)</p> <p>~315.5 × 259 × 24.6 mm (W × D × H)</p>
System weight	<p>~4.35 lbs.</p> <p>~1.96 kg</p> <p>Includes 3-cell battery</p> <p>Weight varies depending on configuration.</p>
AC adapter weight, with cord	0.89 lbs (405 g)

## Environment

Operating temperature	41°F to 95°F (5°C to 35°C)
Storage temperature	-4°F to 140°F (-20°C to 60°C)
Operating humidity	20% to 80% relative humidity; no condensation
Storage humidity	10% to 90% relative humidity; no condensation
Operating altitude, maximum	8,000 feet at 59°F (2,438 meters at 15°C)
Storage altitude, maximum	12,000 feet (3,658 m)

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