

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">▪ Intel 82855GM (chipset integrated)▪ 2D hardware acceleration▪ 3D rendering acceleration
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">▪ Brightness level selectable through FN keys (up, down)▪ Icon to display 8 levels of brightness▪ Auto dim on battery▪ Auto bright on AC power
External video	<ul style="list-style-type: none">▪ Supports dual display and extended desktop▪ Integrated TV encoder
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">▪ One 4-pin connector▪ 100/200/400mps▪ Supports video and audio capture▪ Software included for motion and still-frame capture

Audio

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

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|-------------------|--|
| 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"> ▪ Volume control keys on keyboard ▪ Software control provided through Windows |
| Internal speakers | <ul style="list-style-type: none"> ▪ Stereo speakers built into front of notebook ▪ 1.0 W maximum output |
| Audio jacks | <ul style="list-style-type: none"> ▪ Stereo headphone output ▪ Monophonic microphone input |

Communications

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

Input/Output (I/O)

Keyboard	<ul style="list-style-type: none">▪ U.S. English keyboard▪ Full-sized 88-keys▪ 19 mm × 19 mm key pitch▪ 2.4 mm keystroke
Pointing device	<ul style="list-style-type: none">▪ Gateway EZ-Pad™ touchpad▪ 2-button plus wheel design
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">▪ PAD lock▪ Caps lock▪ Scroll lock▪ Hard drive access▪ Battery status▪ Power/Suspend
Input/Output (I/O) ports	<ul style="list-style-type: none">▪ Two USB 2.0 (4-pin)▪ IEEE 1394 (4-pin)▪ V.92, 56K Modem (RJ-11)▪ 10/100 Ethernet (RJ-45)▪ External monitor (VGA)▪ S/PDIF digital audio out▪ TV out (S-Video) (NTSC/PAL composite video)▪ Stereo headphone output▪ Monophonic microphone input▪ PC Card socket (one Type II)▪ DC input
PCMCIA	<ul style="list-style-type: none">▪ Accepts one Type II device▪ R5C593 controller <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">▪ User removable▪ 2.5-inch diameter▪ 9.5 mm height <p>To find the hard drive capacity, click Start, then click My Computer. Right-click the drive letter, then click Properties. 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"> ▪ Power-on password (2-level password support) ▪ Hard drive password
Physical	<ul style="list-style-type: none"> ▪ Main system memory compartment screw ▪ Hard drive kit screw ▪ Mini PCI bay security screw ▪ Kensington® security slot
System software	
Operating system	<ul style="list-style-type: none"> ▪ Microsoft® Windows® XP Professional ▪ Microsoft® Windows® XP Home Edition ▪ Microsoft® Windows® 2000
System management	<ul style="list-style-type: none"> ▪ SMBIOS 2.3 BIOS support ▪ Advanced Configuration and Power Interface 2.0 (ACPI 2.0) support ▪ Support for Wake on LAN from S3 power mode ▪ Support for Intel® LANDesk® Client manager 6.0
System compatibility	<ul style="list-style-type: none"> ▪ PC2001 specification ▪ Advanced Power Management 1.2 (APM1.2) ▪ Advanced Configuration and Power Interface 2.0 (ACPI 2.0) ▪ SMBIOS 2.3 ▪ Windows Hardware Quality Labs (WHQL) certified
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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