

Specifications for the Gateway Solo 1200 notebook

Specifications are subject to change without notice or obligation.

Processor and core logic

Processor options

- One Intel® Celeron™ CPU

To determine your notebook's processor, click **Start**, then select **Programs, Accessories, System Tools**, then **System Information**. The processor is listed.

Processor packaging

BGA2

Level 2 cache

128 K integrated SRAM L2 cache

Core logic

- VIA Technologies, Inc. PN133T "Twister" Chipset (VT8603 North Bridge; VT8231 South Bridge)
- PCI Bus Version 2.12

Processor side bus

100 MHz/133 MHz pseudo-synchronous CPU front side bus

BIOS

- Insyde Software, Inc. BIOS
- 512 K Flash ROM
- SMBIOS (DMI) 2.3 support
- Full ACPI support

System memory

Memory type

Synchronous DRAM system memory

Memory expansion options

- 64 MB on-board SDRAM
- One 144-pin industrial standard SO-DIMM socket
- Accepts PC-100 or PC-133 memory module
- 320 MB maximum system memory

To determine your notebook's total memory, click **Start**, then select **Programs, Accessories, System Tools**, then **System Information**. The memory is listed.

Video

LCD display panel	<ul style="list-style-type: none">▪ 12.1-inch HPA SVGA (CMOS)▪ 12.1-inch TFT XGA (LVDS) ▪ Fixed backlight brightness▪ Adjustable panel contrast (HPA model only)
Graphics controller	S3 [®] Savage4 [™] AGP4X graphics core (VIA chipset integrated) 2D, 3D, and DVD video acceleration
Frame buffer	8 MB, 16 MB, or 32 MB shared memory architecture (SMA)
External video	Supports exclusive or simultaneous LCD/external monitor modes
Built-in LCD panel resolution and maximum color depth; HPA	800 x 600 x 18-bit (262,000) colors
Built-in LCD panel resolution and maximum color depth; SVGA TFT	800 x 600 x 24-bit (16.7 million) colors
Built-in LCD panel resolution and maximum color depth; XGA TFT	1024 x 768 x 24-bit (16.7 million) colors
External CRT resolutions and color depth	640 x 480 x 8/16/32-bit colors 800 x 600 x 8/16/32-bit colors 1024x 768 x 8/16/32-bit colors 1280 x 1024 x 8/16/32-bit colors 1600 x 1200 x 8/16/32-bit colors 1920 x 1440 x 8/16-bit colors

Audio and Communications

Audio/Modem chipset	Conexant [™] SmartAMC [™] audio modem codec (Audio codec and host-processed V.92/K56flex [™] modem using CX20468 host side and CX20463 SmartDAA [™] line side devices)
Audio features	<ul style="list-style-type: none">▪ Conexant Hardware Abstraction Layer (HAL) provides enhanced AC'97 audio signal processing▪ D3d HRTF▪ D3d cross talk cancellation▪ EAX support▪ D3d bass-enhancement

NOTE: This platform does not feature an internal microphone

Audio controls	Volume and mute functions are keyboard controlled
Internal speakers	Stereo speakers built into palm rest. One watt maximum output
Modem features	<ul style="list-style-type: none">▪ V.92/k56 flex data; V.17 fax soft modem▪ Telephony/TAM support▪ Fast connect/Modem On Hold/Caller ID support▪ AC'97 2.1 compliant internal design
10/100Mbps Ethernet interface	IEEE 802.3u (10/100 BASE-TX) Ethernet interface. Uses RJ-45 connector on rear panel of system.
Wireless Ethernet interface (Factory installed option)	May be implemented with IEEE 802.11b network card installed in Mini PCI expansion slot. Uses factory installed internal antenna assembly
Input/Output (I/O)	
Keyboard controller	National PC87570 Keyboard and Power Management Controller
Keyboard	<ul style="list-style-type: none">▪ 19 mm x 19 mm key pitch and 3.0 mm keystroke <p>One of the following localization options:</p> <ul style="list-style-type: none">▪ U.S. English keyboard▪ French Canadian keyboard▪ Mexican Spanish keyboard▪ Japanese keyboard <p>Four programmable “hot keys” (default functions: launch e-mail, launch internet, launch help application, user-definable)</p>
Pointing device	Gateway EZ-Pad™ touchpad; 1000 points/inch minimum resolution 4-button design (left/right mouse; scroll up/down)
Input/Output (I/O) ports	<ul style="list-style-type: none">▪ 2 USB 1.0 (4-pin)▪ External monitor (high density D-15)▪ Microphone (monaural pin-jack)▪ Headphone (stereo pin-jack)▪ Modem (RJ-11)▪ IEEE 1284 parallel port (D-25)▪ 19 VDC power input (coaxial)▪ Optional I/O port for Mini PCI device (depends on card type)

PCMCIA	<p>Accepts one type I, II, or III device</p> <ul style="list-style-type: none"> ▪ 16-bit PC Card support ▪ 32-bit CardBus support ▪ O₂ Micro OZ6912 ACPI Card Bus Controller <p>NOTE: This platform does not support Zoomed Video</p>
Mini PCI	One Type 3A socket accessible through bottom panel
Storage	
EIDE controller	<ul style="list-style-type: none"> ▪ Integrated in VIA VT8231 South Bridge device ▪ UltraDMA-33/66/100 master mode PCI EIDE controller ▪ 100 MB/s maximum data transfer rate ▪ Up to PIO mode 4, multi-word DMA mode 2, UltraDMA mode 5
Hard drive	<ul style="list-style-type: none"> ▪ 2.5-inch, 9.5 mm (maximum) height ▪ Accessible via bottom panel
CD drive	<ul style="list-style-type: none"> ▪ 12.7 mm height ▪ Constant angular velocity: 24x (maximum) ▪ Non-removable design (factory configured)
Super I/O controller	<ul style="list-style-type: none"> ▪ Integrated in VIA VT8231 South Bridge device ▪ 1 Mbps maximum data transfer rate
Diskette drive	<ul style="list-style-type: none"> ▪ Supports 3.5-inch, 1.44 MB capacity diskettes ▪ Data transfer rates up to 500 Kbps ▪ Non-removable design (factory configured, TFT model only)
Power	
Intelligent charger	Maintains dynamically adjusted current flow for optimum charge
AC adapter	<ul style="list-style-type: none"> ▪ 19 VDC, 3.16 A, 60 W output ▪ Automatically adjusts for 100 to 230 VAC, 47 to 63 Hz power source ▪ 3-wire design; includes power LED
Battery type	Removable 8-cell NiMH with embedded smart battery controller
Battery capacity	4500 mA _H (43.2 W)
Power management	ACPI v1.0b support
Security	
Passwords	<ul style="list-style-type: none"> ▪ Power-on password (2-level password support) ▪ Hard drive access password ▪ BIOS entry password

- Physical
- Main system memory compartment screws
 - Kensington® security slot

System software

- Operating system Microsoft® Windows® Millennium
- System management SMBIOS 2.3 BIOS support
- Quick boot Supported

Physical specifications

- Dimensions ~11.42 x 10.16 x 1.85 inches (W x D x H)
 ~290 x 258 x 47 millimeters (W x D x H)
- System weight ~7.0 lbs (3.1 kg) with 64 MB RAM and 8-cell battery
- AC adapter weight 13 ounces (370 grams)

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 (2,438 meters)
- Storage altitude Maximum 12,000 feet (3,658 meters)

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