

# SPECIFICATIONS

## Gateway 3100/3600 Series Notebook

Specifications are subject to change without notice or obligation.

### Processor and Core Logic

Processor options

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

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

Processor packaging

478-pin uFCPGA

Level 2 cache

- 512 KB or 1 MB (Celeron M)  
-OR-
- 1 MB or 2 MB (Mobile Pentium M)

Chipset-Northbridge

- Intel 910GML (Celeron M)  
-OR-
- Intel 915GM (Pentium M)

Chipset-Southbridge

Intel ICH6-M

Processor side bus speed

- 400 MHz (Celeron M)  
-OR-
- 400/533 MHz (Pentium M)

BIOS

- Phoenix BIOS
- 8 MB Flash ROM
- SMBIOS 2.3 support
- Advanced Configuration and Power Interface 2.0 (ACPI 2.0) support
- Wired for Management 2.0 (WfM 2.0)

## System memory

Memory type	400/533 MHz DDR2 SDRAM
Memory expansion options	<ul style="list-style-type: none"><li>▪ Two 200-pin industry standard DDR-SODIMM sockets</li><li>▪ Accepts two 400/533 MHz DDR2 SDRAM memory modules in memory bay</li><li>▪ 2 GB maximum system memory</li><li>▪ Dual channel</li></ul> To determine your notebook's memory, click <b>Start, My Computer</b> , then click <b>View System Information</b> . The memory is listed.

## Video

Graphics controller	Intel Graphics Media Accelerator (GMA) 900 <ul style="list-style-type: none"><li>▪ 2D hardware acceleration</li><li>▪ 3D rendering acceleration</li></ul>
Video memory	Shares system memory: 32, 64, or 128 MB
LCD panel	12.0-inch or 14.0-inch active matrix (TFT) LCD color display Maximum panel resolution (12.0-inch): 1280 × 800 Maximum panel resolution (14.0-inch): 1280 × 768 Maximum color depth: 32-bit (16.7 million colors)
LCD supported video modes	WXGA
LCD maximum refresh rate	60 Hz
Controls	<ul style="list-style-type: none"><li>▪ Brightness level selectable through <b>FN</b> keys (up, down)</li><li>▪ Auto dim on battery and auto bright on AC power (selectable in BIOS)</li></ul>
External video	Supports dual display and dual view
External CRT resolutions	Supports standard IBM VGA compatible modes Maximum resolution: 2048 × 1536 Maximum color depth: 32-bit colors
External CRT maximum refresh rate	85 Hz

## Audio

### Sound support

- Conexant SmartAMCi Audio Modem Codec (AMC) CX20468-31
- AC '97 Revision 2.3 Compliant

NOTE: This notebook does not support S/PDIF.

NOTE: This notebook does not have an internal microphone.

### Volume controls

- Digital volume control toggle (press toggle in to mute the sound)
- Software control provided through Windows

### Internal speakers

- Stereo speakers built into the sides of notebook
- 1.0 W/4 ohm maximum output for each channel

### Audio jacks

- Stereo headphone output
- Stereo microphone input

## Communications

### Modem features

- Conexant CX20493-21
- 56K v.92 Soft Modem
- Uses the RJ-11 jack on the left side of the notebook
- Supports Wake on Ring from S3 power mode

### Wired Ethernet interface features

- PCI-E 10/100/1000
- Integrated IEEE 802.3 (10/100/1000 BASE-TX) Ethernet interface
- Uses the RJ-45 jack on the rear of the notebook
- Supports Wake on LAN from S3 power mode

### Wireless Ethernet interface features (Factory installed option)

- Intel® PRO/Wireless IEEE 802.11b/g network card, Mini-PCI (Pentium M models only)
- OR-

- Broadcom IEEE 802.11g network card, Mini-PCI (Celeron M models only)

**FN+F2** keyboard combination toggles wireless networking

**Antenna:** Uses factory-installed diversified internal antenna

**Operating channels:** 11 channels in the United States and Canada

**Security:** 128 and 64 bit WEP encryption, WPA, and WPA2

**Operating Frequency:** 2.4 GHz Direct Sequence Spread Spectrum (IEEE 802.11b and IEEE 802.11g)

#### Maximum Data Rate

- 54 Mbps (IEEE802.11g)
- 11 Mbps (IEEE802.11b)

## Input/Output (I/O)

### Keyboard

- U.S. English keyboard
- Full-sized 86-keys
- 19 mm × 19 mm key pitch
- 3.0 mm key travel

### Pointing device

- Gateway EZ-Pad™ touchpad with vertical scroll
- 2-button design

### Status indicators

FN+F1 keyboard combination turns status indicators on and off.

- AC power
- Wireless Ethernet
- Caps lock
- Num lock
- Hard drive access
- Power/battery charge

### Input/Output (I/O) ports

- Three USB 2.0 (4-pin)
- IEEE 1394 (4-pin)
- V.92, 56K Modem (RJ-11)
- 10/100/1000 Ethernet (RJ-45)
- External monitor (VGA)
- Stereo headphone output
- Stereo microphone input
- PC Card socket (one Type II)
- DC input
- Docking port

### PCMCIA

- Accepts one Type II device
- TI PCI-7411 controller

NOTE: This notebook does not support Zoom Video.

## Docking solution

Type	Cabled port replicator
Docking supported	<ul style="list-style-type: none"><li>▪ Hot dock</li><li>▪ Warm dock</li><li>▪ Cold dock</li></ul>
Input/Output (I/O ports)	<ul style="list-style-type: none"><li>▪ Three USB 2.0 (4-pin)</li><li>▪ Stereo headphone output</li><li>▪ IEEE 1394 (4-pin)</li><li>▪ Parallel (printer)</li><li>▪ High-speed serial</li><li>▪ External monitor (VGA)</li><li>▪ Ethernet (RJ-45)</li><li>▪ DC input</li><li>▪ Docking cable</li></ul>
AC adapter	<ul style="list-style-type: none"><li>▪ 19 VDC, 4.74A, 90 W output</li><li>▪ Automatically adjusts for 100 to 240 VAC, 50 to 60 Hz power sources</li><li>▪ Two-prong design</li></ul>

## Storage

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 appears. 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>
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Memory card reader	<p>Supports the following card types:</p> <ul style="list-style-type: none"><li>▪ Memory Stick<sup>®</sup></li><li>▪ Memory Stick Pro<sup>®</sup></li><li>▪ MiniSD<sup>™</sup></li><li>▪ MultiMediaCard<sup>™</sup></li><li>▪ RS-MMC (Reduced Size MultiMediaCard<sup>™</sup>)</li><li>▪ Secure Digital<sup>™</sup></li></ul>
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Optical drive (factory installed)	<p>Available drives include:</p> <ul style="list-style-type: none"><li>▪ Combination DVD/CD-RW</li><li>▪ DVD±R/±RW drive</li></ul> <p>To determine the type of optical drive in your system, examine the drive tray's plastic cover. 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+ReWritable logo in combination with a CD-R/RW logo indicates a recordable/rewritable DVD drive that also is a recordable/rewritable CD drive.</p>
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## Power

AC adapter	<ul style="list-style-type: none"><li>▪ 19 VDC, 3.42A, 65 W output</li><li>▪ Automatically adjusts for 100 to 240 VAC, 50 to 60 Hz power sources</li><li>▪ Two-prong design</li></ul>
Battery type	<ul style="list-style-type: none"><li>▪ Removable Lithium Ion battery pack</li><li>▪ Embedded controller inside to support SBS 1.1</li></ul>
Battery capacity	<p>4-cell Li-Ion</p> <ul style="list-style-type: none"><li>▪ 2.0 Ah</li><li>▪ 14.8 V nominal</li><li>▪ 29 Wh</li></ul> <p>6-cell Li-Ion</p> <ul style="list-style-type: none"><li>▪ 4.4 Ah</li><li>▪ 11.1 V nominal</li><li>▪ 48 Wh</li></ul> <p>9-cell Li-Ion</p> <ul style="list-style-type: none"><li>▪ 6.6 Ah</li><li>▪ 11.1 V nominal</li><li>▪ 72 Wh</li></ul> <p>12-cell Li-Ion</p> <ul style="list-style-type: none"><li>▪ 6.6 Ah</li><li>▪ 14.8 V nominal</li><li>▪ 98 Wh</li></ul> <p>Battery life varies depending on configuration, programs, power management settings, and features used. Recharge time varies, depending on usage.</p>
Power management	<ul style="list-style-type: none"><li>▪ Advanced Configuration and Power Interface 2.0 (ACPI 2.0) support</li><li>▪ SMBIOS 2.3</li><li>▪ PC 2001 compliant</li><li>▪ CPU may support Intel® Speedstep™ technology</li></ul>
Controls	Icon on taskbar shows battery charge as a percentage remaining
Power switch	Supports Power On/Off, Standby/Resume, Hibernate using Windows Setting, Shutdown
Lid switch	LCD On/Off, Standby, Hibernate

## Security

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|-----------|--|
| Passwords | <ul style="list-style-type: none"><li>▪ Power-on password (user/supervisor password set in BIOS)</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 screws</li><li>▪ Mini PCI bay screw</li><li>▪ Kensington® security slot on notebook back</li></ul> |

## System software

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|----------------------|--|
| Operating system     | <ul style="list-style-type: none"><li>▪ Microsoft® Windows® XP Professional</li><li>▪ Microsoft® Windows® XP Home Edition</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><li>▪ Wired for Management 2.0 (WfM 2.0) enabled</li></ul> |
| System compatibility | <ul style="list-style-type: none"><li>▪ PC2001 specification</li><li>▪ SMBIOS 2.3</li><li>▪ Windows Hardware Quality Labs (WHQL) certified</li></ul>   |
| Quick boot           | Supported  |

## Physical specifications

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|-------------------|--|
| Dimensions        | ~13.00 × 9.7 × 1.24 in. (W × D × H)<br>~330 × 246 × 31. mm (W × D × H) |
| System weight     | ~4.99 lbs. (~2.26 kg)<br>Includes optical drive and battery            |
| AC adapter weight | ~8.0 ounces (~250 g)<br>Includes cord                                  |

## Environment

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|-----------------------|---|
| Operating temperature | 50°F to 90°F (10°C to 32°C)                   |
| Storage temperature   | 4°F to 140°F (-15°C to 60°C)                  |
| Operating humidity    | 20% to 80% relative humidity; no condensation |

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