

Gateway NE56R Specifications (NX.Y1USI.010)	
Operating system¹	Linux
CPU and chipset¹	<p>Intel® Pentium® processor B960 (2 MB L3 cache, 2.20 GHz, DDR3 1333 MHz, 35 W), supporting Intel® 64 architecture, Intel® Smart Cache</p> <p>Mobile Intel® HM70 Express Chipset</p>
Memory^{1, 3, 4}	<p>Dual-channel DDR3 SDRAM support:</p> <ul style="list-style-type: none"> 2 GB of DDR3 system memory, upgradable to 8 GB using two soDIMM modules⁵ (for 64-bit OS)
Display	<p>15.6" HD 1366 x 768 resolution, high-brightness (200-nit) Gateway Ultrabright™ LED-backlit TFT LCD</p> <p>Mercury-free, environment-friendly</p> <p>16:9 aspect ratio</p>
Graphics¹(TBC)	<p>Intel® HD Graphics 3000 with 128 MB of dedicated system memory, supporting Microsoft® DirectX® 10.1</p> <p>Intel® HD Graphics with 128 MB of dedicated system memory, supporting Microsoft® DirectX® 10.1</p> <p>Dual independent display support</p> <p>16.7 million colors</p> <p>External resolution / refresh rates:⁶</p> <ul style="list-style-type: none"> VGA port up to 2048 x 1536: 75 Hz HDMI® port up to 1920 x 1080: 60 Hz <p>MPEG-2/DVD decoding</p> <p>WMV9 (VC-1) and H.264 (AVC) decoding</p> <p>HDMI® (High-Definition Multimedia Interface) with HDCP (High-bandwidth Digital Content Protection) support</p>
Notebook audio	<p>High-definition audio support</p> <p>Two built-in stereo speakers</p> <p>MS-Sound compatible</p> <p>Built-in microphone</p>
Storage	<p>Hard disk drive</p> <ul style="list-style-type: none"> 500 GB <p>Multi-in-1 card reader, supporting:</p> <ul style="list-style-type: none"> Secure Digital™ (SD) Card, MultiMediaCard™ (MMC), Memory Stick™ (MS), Memory Stick PRO™ (MS PRO), xD-Picture Card™ (xD)
Optical media	8X DVD-Super Multi double-layer drive:

Gateway NE56R Specifications (NX.Y1USI.010)

drive¹	<ul style="list-style-type: none"> • Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 8X DVD-ROM DL, 8X DVD-R DL, 8X DVD+R DL, 8X DVD-RW, 8X DVD+RW, 5X DVD-RAM • Write: 24X CD-R, 16X CD-RW, 8X DVD-R, 8X DVD+R, 6X DVD-R DL, 6X DVD+R DL, 6X DVD-RW, 8X DVD+RW, 5X DVD-RAM
Webcam	Video conferencing solution, featuring: <ul style="list-style-type: none"> • Webcam with 1280 x 1024 resolution • Microphone
Wireless and networking	WLAN: ^{1,9} <ul style="list-style-type: none"> • 802.11b/g/n Wi-Fi CERTIFIED™ LAN: Gigabit Ethernet, Wake-on-LAN ready
Privacy control¹	BIOS user, supervisor, HDD passwords Kensington lock slot
Dimensions and weight¹	Dimensions 381.6 (W) x 253 (D) x 25.4/33.2 (H) mm (15.02 x 9.96 x 1.00/1.31 inches) with 6-cell battery pack Weight 2.6 kg (5.7 lbs.) ¹⁰ with 6-cell battery pack
Power adapter and battery¹	ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes Power adapter 3-pin 90 W AC adapter (for models with NVIDIA® graphics): <ul style="list-style-type: none"> • 133 (W) x 59 (D) x 31 (H) mm (5.23 x 2.32 x 1.22 inches) • 390 g (0.86 lbs.)¹⁰ with 180 cm DC cable 3-pin 65 W AC adapter: (for models without NVIDIA graphics) <ul style="list-style-type: none"> • 95 (W) x 50 (D) x 25.4 (H) mm (3.74 x 1.96 x 1 inches) • 216 g (0.47 lbs.)¹⁰ with 180 cm DC cable Battery 48 Wh 4400 mAh 6-cell Li-ion standard battery pack Battery life: Upto 5 hours ¹¹ ENERGY STAR®

Gateway NE56R Specifications (NX.Y1USI.010)

<p>Input and control¹</p>	<p>Keyboard 103-/104-/107-key Gateway keyboard with independent standard numeric keypad, international language support</p> <p>Touchpad Gateway EZ Pad[®] multi-gesture touchpad, supporting two-finger scroll, pinch, rotate, flip</p> <p>Control keys Gateway Social Networks key Media control keys: Play/pause, stop, previous, next Special keys: MyBackup, wireless control, touchpad lock, brightness, volume up/down, mute</p>
<p>Input and output</p>	<p>Multi-in-1 card reader (SD[™], MMC, MS PRO, xD) Three USB 2.0 ports HDMI[®] port with HDCP support¹ External display (VGA) port Headphone/speaker jack, supporting 3.5 mm headset with built-in microphone for Acer smart handhelds Microphone-in jack Ethernet (RJ-45) port DC-in jack for AC adapter Bluetooth : Optional</p>
<p>Software¹²</p>	<p>Productivity</p> <ul style="list-style-type: none"> • Gateway MyBackup Solution¹ • Gateway Power Management¹ • Gateway Recovery Management • Gateway Social Networks • Adobe[®] Flash[®] Player 11.0 • Adobe[®] Reader[®] 10.X • AUPEO! (US only) • Bing[™] Bar • Internet Explorer 9 • Kobo[™] (Australia, Canada, New Zealand only) • Microsoft[®] Office Starter 2010: Includes limited-functionality Microsoft[®] Word and Excel with advertising; no PowerPoint or Outlook. Buy Office 2010 to use the full-featured software. (except Japan)¹³ • NOOK for PC (US only) • Norton[™] Online Backup

Gateway NE56R Specifications (NX.Y1USI.010)

	<ul style="list-style-type: none"> • Windows Live™ Essentials¹ <p>Security</p> <ul style="list-style-type: none"> • Norton Internet Security™ 2012 <p>Multimedia</p> <ul style="list-style-type: none"> • Cyberlink® PowerDVD™¹ • Nero® 10 Essentials¹ <p>Gaming</p> <ul style="list-style-type: none"> • Gateway Games powered by WildTangent®¹ (except China, Hong Kong, Japan, Korea) <p>Communication and ISP</p> <ul style="list-style-type: none"> • Microsoft® Silverlight™ • Skype™ <p>Web links and utilities</p> <ul style="list-style-type: none"> • Gateway Identity Card • Gateway Registration • Gateway Updater • eBay® shortcut¹ (Australia, Austria, India, Ireland, Netherlands, Philippines, Poland, Russia, Singapore, Switzerland)
Options and accessories	<p>2/4 GB DDR3 1066 MHz soDIMM module</p> <p>4400 mAh 6-cell Li-ion battery pack</p> <p>3-pin 90 W AC adapter</p>

Windows®. Life without Walls™. Gateway recommends Windows 7.

1. Specifications vary depending on model.
2. 64-bit software is required to enjoy the advantages of 64-bit processing.
3. Shared system memory may be allocated to support graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by any memory used by the graphics solution and resources required by the operating environment.
4. This system is bundled with DDR3 1066 MHz memory; however, memory speed may vary depending on CPU/chipset support.
5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB memory or above.
6. Total available graphics memory comprises dedicated video memory, system memory, and shared system memory. This figure will vary depending on system memory, installed drivers, BIOS settings and other factors.
7. Resolution/refresh rates depend on monitor capability and color/depth settings.
8. 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Gateway Recovery Management utilizes up to 10 GB of the stated hard disk capacity as dedicated backup space.

Gateway NE56R Specifications (NX.Y1USI.010)

9. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.
10. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
11. The listed battery life is based on MobileMark 2007[®] productivity mode testing with wireless on. Details of MobileMark2007[®] testing are available at www.bapco.com. Battery life rating is for comparison purposes only. Actual battery life varies by model, configuration, applications, power management settings, operating conditions, and utilized features. A battery's maximum capacity decreases with time and use.
12. Bundled software may vary depending on hardware configuration, OS, and regional availability.

In a continuing effort to improve the quality of our products, information in this document is subject to change without notice. Images shown are only representations of some of the configurations available for this model. Availability may vary depending on region.

As a phenomenon known to thin-film transistors (TFTs), liquid crystal displays (LCDs) commonly exhibit a small number of discoloration dots, as so-called "non-conforming pixels." This phenomenon is a limitation of TFT LCD technology, not a product defect, and as such is not covered by warranty.

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About Gateway

Since its founding in 1985, Irvine, Calif.-based Gateway has been a technology pioneer, offering stylish, user-friendly products and world-class customer service. Gateway is a wholly owned subsidiary of Acer Inc., the world's second-largest PC company. Through collaboration with suppliers, the company strives to design environmentally friendly products and establish a green supply chain. See www.gateway.com for more information.



Gateway NE56R Specifications (NX.Y1USI.010)

