



Aspire S3-391 Specifications (v4-1-2)	
<b>Operating system</b> <sup>1</sup>	Genuine Windows <sup>®</sup> 7 Home Premium 64-bit <sup>2</sup> Genuine Windows <sup>®</sup> 7 Home Basic 64-bit <sup>2</sup>
<b>CPU and chipset</b> <sup>1</sup>	<b>Intel<sup>®</sup> Core<sup>™</sup> i7-3517U</b> processor (4 MB L3 cache, 1.90 GHz with Turbo Boost up to 3.0 GHz, DDR3 1600 MHz, 17 W), supporting Intel <sup>®</sup> 64 architecture, Intel <sup>®</sup> Smart Cache  <b>Intel<sup>®</sup> Core<sup>™</sup> i5-3317U</b> processor (3 MB L3 cache, 1.70 GHz with Turbo Boost up to 2.60 GHz, DDR3 1600 MHz, 17 W), supporting Intel <sup>®</sup> 64 architecture, Intel <sup>®</sup> Smart Cache  <b>Intel<sup>®</sup> Core<sup>™</sup> i5-2467M</b> processor (3 MB L3 cache, 1.60 GHz with Turbo Boost up to 2.30 GHz, DDR3 1333 MHz, 17 W), supporting Intel <sup>®</sup> 64 architecture, Intel <sup>®</sup> Smart Cache  <b>Intel<sup>®</sup> Core<sup>™</sup> i3-2367M</b> processor (3 MB L3 cache, 1.40 GHz, DDR3 1333 MHz, 17 W), supporting Intel <sup>®</sup> 64 architecture, Intel <sup>®</sup> Smart Cache  Mobile Intel <sup>®</sup> HM77 Express Chipset
<b>Memory</b> <sup>1, 3, 4</sup>	Onboard system memory and single-channel DDR3 SDRAM support: <ul style="list-style-type: none"> <li>Up to 4 GB of DDR3 system memory on board<sup>5</sup></li> </ul>
<b>Display</b>	13.3" HD 1366 x 768 resolution, high-brightness (200-nit) Acer CineCrystal <sup>™</sup> LED-backlit TFT LCD  Mercury-free, environment-friendly  Super-slim design  16:9 aspect ratio
<b>Graphics</b>	<b>Intel<sup>®</sup> HD Graphics 4000</b> with 128 MB of dedicated system memory, supporting Microsoft <sup>®</sup> DirectX <sup>®</sup> 11, OpenGL <sup>®</sup> 3.1, OpenCL <sup>™</sup> v1.1  <b>Intel<sup>®</sup> HD Graphics 3000</b> with 128 MB of dedicated system memory, supporting Microsoft <sup>®</sup> DirectX <sup>®</sup> 10.1  Dual independent display support  16.7 million colors  External resolution / refresh rate: <sup>6</sup> <ul style="list-style-type: none"> <li>HDMI<sup>®</sup> port up to 1920 x 1080: 60 Hz</li> </ul> MPEG-2/DVD decoding WMV9 (VC-1) and H.264 (AVC) decoding HDMI <sup>®</sup> (High-Definition Multimedia Interface) with HDCP (High-bandwidth Digital Content Protection) support
<b>Audio</b>	Optimized Dolby <sup>®</sup> Home Theater <sup>®</sup> v4 audio enhancement, featuring Audio Optimizer, Audio Regulator, Volume Leveler, Volume Maximizer, Intelligent EQ, Dialogue Enhancer, and Surround Virtualizer (for headphones and built-in speakers) technologies <sup>7</sup>  Two built-in Acer 3DSonic stereo speakers  High-definition audio support

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	MS-Sound compatible Built-in digital microphone
<b>Storage</b>	<b>Hard disk drive with solid state drive<sup>8</sup></b> <ul style="list-style-type: none"> <li>320/500 GB<sup>1, 9</sup></li> </ul> <b>Solid state drive</b> <ul style="list-style-type: none"> <li>128 GB / 256 GB, 2.5-inch form factor<sup>1, 9</sup></li> </ul> <b>2-in-1 card reader, supporting:</b> <ul style="list-style-type: none"> <li>SD<sup>™</sup> Card, MultiMediaCard<sup>™</sup> (MMC)</li> </ul>
<b>Webcam</b>	Acer Video Conference, <sup>1</sup> featuring: <ul style="list-style-type: none"> <li>Acer Crystal Eye HD webcam with: <ul style="list-style-type: none"> <li>1280 x 1024 resolution</li> <li>720p HD audio/video recording</li> </ul> </li> <li>Acer Video Conference Manager software with Video Quality Enhancement (VQE) technology, supporting online video calls<sup>10</sup></li> </ul>
<b>Wireless and networking</b>	WLAN: <sup>1, 11, 12</sup> <ul style="list-style-type: none"> <li>Acer InViLink<sup>™</sup> Nplify<sup>™</sup> 802.11b/g/n Wi-Fi CERTIFIED<sup>™</sup></li> </ul> WPAN: <sup>1</sup> Bluetooth <sup>®</sup> 4.0+HS
<b>Privacy control<sup>1</sup></b>	BIOS user, supervisor, HDD passwords
<b>Dimensions and weight</b>	<b>Dimensions</b> 323 (W) x 218.5 (D) x 13.1/17.5 (H) mm (12.59 x 8.52 x 0.51/0.68 inches) <b>Weight</b> 1.34 kg (2.95 lbs.) <sup>13</sup> for models with SSD 1.36 kg (2.99 lbs.) <sup>13</sup> for models with HDD
<b>Power adapter and battery</b>	ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes <b>Power adapter</b> 3-pin 65 W AC adapter: <ul style="list-style-type: none"> <li>95 (W) x 50 (D) x 25.4 (H) mm (3.74 x 1.96 x 1 inches)</li> <li>216 g (0.47 lbs.)<sup>13</sup> with 90 cm DC cable</li> </ul> <b>Onboard battery</b> Acer PowerSmart long-life battery, supporting up to 1,000 charge cycles <sup>14</sup> 36.4 Wh 3280 mAh 3-cell Li-polymer standard battery pack Battery life: <sup>15</sup> <ul style="list-style-type: none"> <li>6.5 hours for models with SSD</li> <li>5.5 hours for models with HDD</li> </ul>

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	<ul style="list-style-type: none"> <li>Up to 80 days using Acer Green Instant On technology<sup>16</sup></li> </ul> ENERGY STAR®
<b>Input and control</b>	<b>Keyboard</b> 84-/85-/88-key full-size Acer FineTip keyboard with international language support <b>Touchpad</b> Multi-gesture touchpad, supporting two-finger scroll, pinch, rotate, flip <b>Media keys</b> Mute key (Fn+F8)
<b>Input and output</b>	2-in-1 card reader (SD™, MMC) Two USB 3.0 ports HDMI® port with HDCP support Headphone/speaker jack, supporting 3.5 mm headset with built-in microphone for Acer smart handhelds DC-in jack for AC adapter
<b>Software<sup>17</sup></b>	<b>Productivity</b> <ul style="list-style-type: none"> <li>Acer Backup Manager</li> <li>Acer ePower Management</li> <li>Acer eRecovery Management</li> <li>Adobe® Flash® Player 10.x/11.x</li> <li>Adobe® Reader® 10.x</li> <li>AUPEO! (United States only)</li> <li>Bing™ Bar</li> <li>Internet Explorer 9</li> <li>Kobo™ (Australia, Canada, New Zealand, United Kingdom only)</li> <li>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)</li> <li>Microsoft® Office Personal 2010<sup>1</sup> (Japan only, subject to customer request)</li> <li>newsXpresso</li> <li>NOOK for PC (US only)</li> <li>Evernote (except Japan)</li> <li>Norton™ Online Backup</li> <li>Windows Live™ Essentials<sup>1</sup></li> </ul> <b>Security</b>

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	<ul style="list-style-type: none"> <li>• McAfee® Internet Security Suite Trial<sup>4</sup></li> <li>• MyWinLocker®<sup>1</sup> (except China, Hong Kong)</li> </ul> <p><b>Multimedia</b></p> <ul style="list-style-type: none"> <li>• Acer clear.fi<sup>1</sup></li> <li>• NTI Media Maker™</li> <li>• Cyberlink® MediaEspresso</li> </ul> <p><b>Gaming</b></p> <ul style="list-style-type: none"> <li>• Acer Games powered by WildTangent®<sup>1</sup> (except China, Hong Kong, Japan, Korea)</li> <li>• Fozz Kids (except Japan)</li> </ul> <p><b>Communication and ISP</b></p> <ul style="list-style-type: none"> <li>• Acer Crystal Eye</li> <li>• Acer Video Conference Manager<sup>1</sup></li> <li>• Microsoft® Silverlight™</li> <li>• Skype™</li> </ul> <p><b>Web links and utilities</b></p> <ul style="list-style-type: none"> <li>• Acer Accessory Store<sup>1</sup> (Belgium, Denmark, France, Germany, Italy, Netherlands, Poland, Portugal, Spain, Sweden, United Kingdom)</li> <li>• Acer Identity Card</li> <li>• Acer Registration</li> <li>• Acer Updater</li> <li>• eBay® shortcut<sup>1</sup> (Australia, Austria, Canada, France, Germany, Italy, India, Ireland, Mexico, Netherlands, Philippines, Poland, Russia, Singapore, Spain, Switzerland, United States, United Kingdom only)</li> <li>• ExpressCache™<sup>1</sup></li> <li>• Netflix shortcut<sup>1</sup> (Canada, Latin America, United States only)</li> <li>• Sleep Memory Optimizer<sup>1</sup></li> <li>• Smart Timer<sup>1</sup></li> </ul>
<b>Options and accessories</b>	2-pin 65 W AC adapter
<b>Warranty</b>	One-year International Travelers Warranty (ITW)
<p>Windows®. Life without Walls™. Acer recommends Windows 7.</p> <ol style="list-style-type: none"> <li>1. Specifications vary depending on model.</li> <li>2. 64-bit software is required to enjoy the advantages of 64-bit processing.</li> <li>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</li> </ol>	

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operating environment.

4. This system is bundled with DDR3 1333 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 or higher memory.
6. Resolution/refresh rate depends on display capability and color/depth settings.
7. Dolby® is a registered trademark of Dolby® Laboratories. Dolby® Home Theater® is a trademark of Dolby® Laboratories.
8. The SSD is integrated with the mainboard and dedicated to Acer Green Instant On. It is not visible in file explorers.
9. 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment.
10. Two VQE-enabled Acer notebooks with dual-core processors are required to enjoy the exclusive benefits and added performance of VQE.
11. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction, and access point settings.
12. Acer Nplify™, a high-throughput wireless solution, delivers superior performance and reliable connections while enabling emerging voice, video and data applications. Wi-Fi CERTIFIED™, it is compliant with 802.11b/g/n standards.
13. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
14. The battery will hold up to 80% of its original capacity after as many as 1,000 recharges. A full recharge comprises a complete charge-and-discharge cycle, and does not always occur each time the notebook is plugged in to a power source, as several partial charges can add up to a full recharge.
15. 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](http://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.
16. After a certain amount of time in Sleep mode, the computer will automatically enter Deep Sleep to preserve battery life. When the computer is in Deep Sleep, the power indicator LED will be turned off. In this state, battery life lasts up to 80 days.
17. 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.

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### **About Acer**

Since its founding in 1976, Acer has achieved its goal of breaking barriers between people and technology. Globally, Acer ranks No. 2 for notebook PCs.\* A profitable and sustainable Channel Business Model is instrumental to the company's continuing growth, while its multi-brand approach integrates Acer, Gateway, Packard Bell, and eMachines brands in worldwide markets. Acer designs environmentally friendly products and has established a green supply chain through collaboration with suppliers. Acer is proud to be a Worldwide Partner of the Olympic Movement, including supporting

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the Vancouver 2010 Olympic Winter Games and London 2012 Olympic Games. The Acer Group employs 8,000 people across the globe. Revenues for 2011 reached US\$15.7 billion. Visit [www.acer-group.com](http://www.acer-group.com) for more information.

\* Source: Gartner data 2011.

