Aspire VN7-791G Specifications (v3-0-3)

Category	Description	Footnotes
Operating system [1]	Windows 8.1 64-bit	2
CPU and chipset [1]	**Intel® Core™ i7-4710HQ** processor (6 MB L3 cache, 2.50 GHz with Turbo Boost up to 3.50 GHz, DDR3L 1600 MHz, 47 W), supporting Intel® 64 architecture, Intel® Smart Cache **Intel® Core™ i5-4200H** processor (3 MB L3 cache, 2.80 GHz with Turbo Boost up to 3.40 GHz, DDR3L 1600 MHz, 47 W), supporting Intel® 64 architecture, Intel® Smart Cache Mobile Intel® HM86 Express Chipset	
Memory [1, 3, 4]	Dual-channel DDR3L SDRAM support: • Up to 8 GB of DDR3L system memory, upgradable to 16 GB using two soDIMM modules	4, 5
Display	17.3" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD 16:9 aspect ratio Wide viewing angle up to 170 degrees Slim design Mercury free, environment friendly	6
Graphics [1]	**NVIDIA® GeForce® GTX 860M** with 2 GB of dedicated GDDR5 VRAM, supporting NVIDIA® CUDA™, PhysX™, PureVideo® HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 5.0, Microsoft® DirectX® 11.2, OpenGL® 4.4, OpenCL™ 1.1	7
	NVIDIA® GeForce® GTX 850M with 2 GB of dedicated GDDR5 VRAM, supporting NVIDIA® CUDA™, PhysX™, PureVideo® HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 5.0, Microsoft® DirectX® 11.2, OpenGL® 4.4, OpenCL™ 1.1	7
	NVIDIA® GeForce® 840M with 2 GB of dedicated DDR3 VRAM, supporting NVIDIA® CUDA™, PhysX™, PureVideo® HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 5.0, Microsoft® DirectX® 11.2, OpenGL® 4.4, OpenCL™ 1.1	7
Audio	Certified for Skype™ Optimized Dolby® Digital Plus Home Theater® audio enhancement, featuring Audio Optimizer, Audio Regulator, Volume Leveler, Volume Maximizer, Intelligent EQ, Dialogue Enhancer, Surround Virtualizer (for headphones and built-in speakers), and a new touch interface Four built-in stereo speakers	8

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	Built-in digital microphone	
Storage	**Card reader** • Supporting: SD^{TM} Card **Hard disk drive** • 1st HDD: 500 GB / 1 TB / 1.5 TB, 2.5-inch 5400 RPM or SSD: 128 / 256 GB, SATA 6 Gb/s • Optional 2nd HDD 500 GB / 1 TB / 1.5 TB, 2.5-inch 5400 RPM	
Optical media drive [1]	4X Blu-ray Disc^{TM} / DVD-Super Multi double-layer drive: • Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 6X DVD-ROM DL, 6X DVD-R DL, 6X DVD+R DL, 8X DVD-RW, 8X DVD+RW, 5X DVD-RAM, 6X BD-ROM, 6X BD-R, 6X BD-RE, 4X BD-ROM DL, 4X BD-R DL, 4X BD-RE DL • Write: 24X CD-R, 16X CD-RW, 8X DVD-R, 8X DVD+R, 6X DVD-RW, 8X DVD+RW, 5X DVD-RAM, 4X DVD+R DL, 4X DVD-R DL 8X DVD-Super Multi double-layer drive: • 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 [1]	**Video conferencing** Acer Crystal Eye HD webcam with: • 1280 x 720 resolution • 720p HD audio/video recording	
Wireless and networking [1]	**WLAN** • Acer InviLink^{TM} Nplify^{TM} 802.11a/b/g/n wireless LAN • Operates at 2.4 GHz and 5 GHz • 2x2 MIMO technology **WPAN** • Bluetooth® 4.0 **LAN** • Gigabit Ethernet, Wake-on-LAN ready	9, 10 1
Privacy control [1]	BIOS user, supervisor, HDD passwords Kensington lock slot	
Dimensions and weight [11]	**Dimensions** • 423 (W) x 293 (D) x 25.4 (H) mm (16.65 x 11.54 x 1 inches) **Weight** 3.0 kg (6.61 lbs.) with 3-cell battery pack	
Power adapter and battery	**Power adapter** 3-pin 135 W AC adapter: • 148 x 75.5 x 25.4 mm • 480 g with 180 cm DC cable 3-pin 90 W AC adapter: • 133 (W) x 59 (D) x 31 (H) mm (5.23 x 2.32 x 1.22 inches)	11

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	• 390 g (0.86 lbs.) with 180 cm DC cable **Battery** • 52.5 Wh 4605 mAh 11.4 V 3-cell Li-ion battery pack Battery life up to 4 hours ACPI 5.0 CPU power management standard: supports Standby and Hibernation power-saving modes	
Input and control	**Keyboard** 103-/104-/107-key Acer FineTip keyboard with independent standard numeric keypad, international language support **TouchPad** Multi-gesture touchpad, supporting two-finger scroll and pinch. Swipes access charms, application commands • Microsoft Precision Touchpad Certification **Media Keys** Media control keys (printed on keyboard): play/pause, stop, previous, next, volume up, volume down	
Input and output	SD^{TM} Card reader HDMI$^®$ port with HDCP support 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone Ethernet (RJ-45) port DC-in jack for AC adapter Two USB 3.0 ports Two USB 2.0 ports	
Windows Store Apps [12]	**Content** • Amazon® Kindle • CANALTOUCH • eReadingNow • Hulu • Hulu Plus • iQIYI • iStoryTime Library • LeTV • Love Wallpaper HD • MagV • NetEase Cloud Reading • Netflix • Next Issue Magazines • Sohu Video • TuneIn Radio • VcRead • Zinio^{TM} **Games** • Microsoft® Solitaire Collection	

	• Taptiles		
	In-House		
	• Acer Explorer		
	• Acer SMS Manager		
	Lifestyle		
	• Accuweather		
	• Backpackers		
	• Booking.com		
	• CTRIP Travel		
	• EZTABLE Select		
	• Rakuten Recipes		
	• StumbleUpon		
	• Yandex.Maps		
	• Yandex.Money		
	Productivity		
	• Evernote® Touch		
	Shopping		
	• Amazon®		
	• eBay®		
	• Meituan		
	• Rakuten Gateway		
Windows Desktop Apps 12	**Content**		
	• LOVEFiLM® web link		
	• Spotify		
	In-House		
	• Acer Docs		
	• Acer Media		
	• Acer Photo		
	• Acer Portal		
	• Acer Remote Files		
	• Acer Video Player		
	• Accessory Store		
	• Identity Card		
	• Live Updater		
	• Recovery Management		
	Lifestyle		
	• Agoda web link		
	• Booking.com web link		
	• Yandex web link		
	• Yandex.Disk Desktop		
	Productivity		
	• Kingsoft Office Suite		
	• Microsoft Office 2013		
	• Office 2013		

Aspire VN7-791G Specifications (v3-0-3)

	Search • Yahoo Search Provider **Security** • McAfee® Internet Security **Shopping** • Amazon® 1 Button • eBay® worldwide • Gomaji **Tools** • Launch Manager • Nero BackItUp • Soluto	
Options and accessories	3-pin 135 W AC adapter HDMI® A-to-VGA cable	
Warranty	One-year International Travelers Warranty (ITW)	

Acer recommends Windows 8.

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. Memory speed may vary, depending on the CPU, chipset or memory fitted.
5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
6. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
7. Resolution/refresh rates depend on display capability and color/depth settings.
8. Dolby® is a registered trademark of Dolby® Laboratories. Dolby Digital Plus® and Dolby Digital Plus® Home Theater® are trademarks of Dolby® Laboratories.
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. Subject to availability.
11. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
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 Acer's warranty.

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Established in 1976, Acer is a *hardware + software + services* company dedicated to the research, design, marketing, sale and support of innovative products that enhance people's lives. Acer's product offering includes PCs, displays, projectors, servers, tablets and smartphones — tools our customers need to explore beyond limits and experience more. Acer employs 7,400 people and ranks No. 4 for total PCs globally (IDC 2013). Revenues for 2013 reached US$12.02 billion. Please visit www.acer.com for more information.