

Dell recommends Windows®



Dell Inspiron Gaming Desktop

Model 5680

Reviewer's Guide - December 2017

Product appearance may vary slightly from image shown.



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Inspiron Gaming brand

Dell's Inspiron Gaming machines are engineered with the specific, demanding needs of the Mainstream PC Gaming audience in mind. From the fastest processors to powerful, discreet graphics cards, they make every gaming experience more intense and real.



Product appearance may vary slightly from image shown.

Inspiron Gaming Desktop | 5680

Feature Overview

Ready to game.

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GAME CHANGING. GAME READY.

Latest 8th Gen Intel® Core™ processors (up to i7) deliver exceptional performance & computational headroom to power through VR & content creation with ease.

NVIDIA® GeForce® GTX 1060 and 1070 discrete graphics options (including Ready for VR configurations) for fast, smooth gaming experience.



Inspiron Gaming Desktop | 5680

Feature Overview

Purposefully engineered for gaming

STAY COOL

Designed with careful attention to component placement and venting windows for uncompromised performance for optimal airflow and operating temperatures.

LOOK COOL

Optional clear window side panel with Polar Blue lighting.



Inspiron Gaming Desktop | 5680

Feature Overview

Beautiful and strong performance

MORE MEMORY, MORE GAMING

High capacity hard drive options include dual drive configs and responsive SSD options for faster boot and load times on games and multimedia applications.

DYNAMIC AUDIO

Immerse yourself in your games, music and videos with Performance 7.1 Channel HD audio.

GAME SPEED

Support for up to 64 GB DDR4 2666 MHz ensure overall super-powered performance. (Additional memory sold separately.)

EASY TO UPGRADE

One PCIe x16 expansion slot and support for up to 4 storage devices for future upgrades (2x 3.5" bays, 1x 2.5" bay, and 1x M.2 slot), powered by up to 460 Watt Power Supply Unit (PSU).



Inspiron software

Microsoft Office 2016

Fully loaded with the latest and greatest versions of favorite applications: Word, Excel, PowerPoint, and OneNote.

McAfee

Award-winning security for every device; shields PCs from viruses and online threats like risky websites and dangerous downloads, shreds digital files like e-bills and online bank statements saved on PCs.

Adobe

Converts PDFs to Word, Excel or PowerPoint formats while preserving fonts, formatting, and layouts; access and share recently viewed PDFs from computers or mobile devices.

SupportAssist

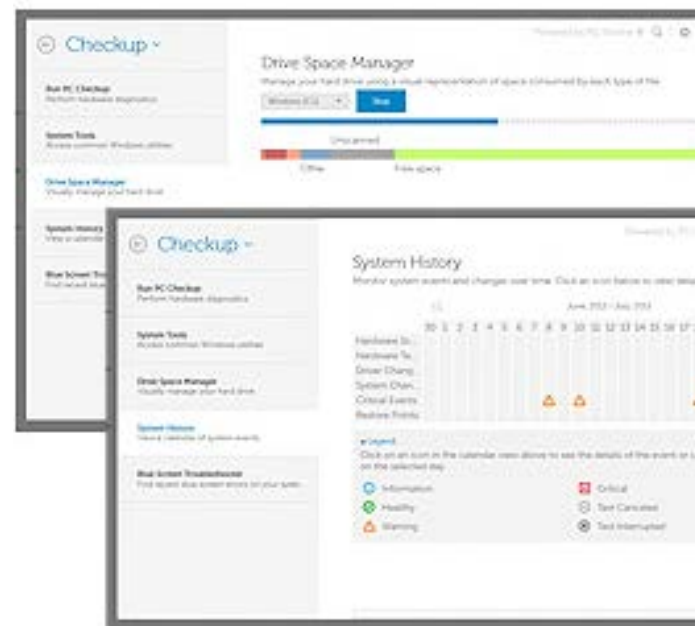
A MS Windows based software program that automates support from Dell by identifying HW & SW issues on Dell laptops, desktops and tablets. SupportAssist notifies customers when an issue is detected.

Dropbox

Online file storage and sharing service that allows access to photos, docs and other files from any computer or phone from anywhere. Dropbox lets you edit docs, share photos, and show off videos from anywhere. Even if something happens to your PC, your stuff is always safe in Dropbox. Get 20GB of Dropbox space included for a year with your purchase of a new Inspiron.

SmartByte

Experience less buffering, few drops, and better resolution with this network optimizer. It detects, prioritizes, and delivers your video packets ahead of other network traffic, so streaming video and web calls run smoothly.



Optional Inspiron accessories

You can maximize the versatility and performance of your Dell Inspiron Gaming Desktop - 5680 with Dell recommended accessories to keep you immersed in your favorite games.

Alienware 25 Gaming Monitor – AW2518HF

Enjoy unrivaled gameplay in a 25" monitor with the Alienware iconic design featuring a 240Hz refresh rate, 1ms response time, and AMD FreeSync™ technology for an effortlessly smooth and responsive gaming.



Alienware Advanced Gaming Keyboard – AW568

Improve your gaming ability with a mechanical gaming keyboard with AlienFX™ lighting, five programmable macro keys, and iconic Alienware design.

Dell Bluetooth Mouse - WM615

Twist this portable mouse into slim mode to slide it into your pocket and when you arrive simply twist it back into an open shape to fit seamlessly into your hand.



Dell Performance USB Headset | AE2

Experience high-performance sound and crisp detail in a comfortable, lightweight headband and over-ear design with breathable, soft-leather ear cups. Features an omni-directional microphone for clear communication.

Dell 2.1 Speaker System | AE415

Amplify every explosion with two circular satellite speakers and a powerfully compact subwoofer for enhanced bass. With convenient volume controls and a headphone jack.



Features & Technical Specifications

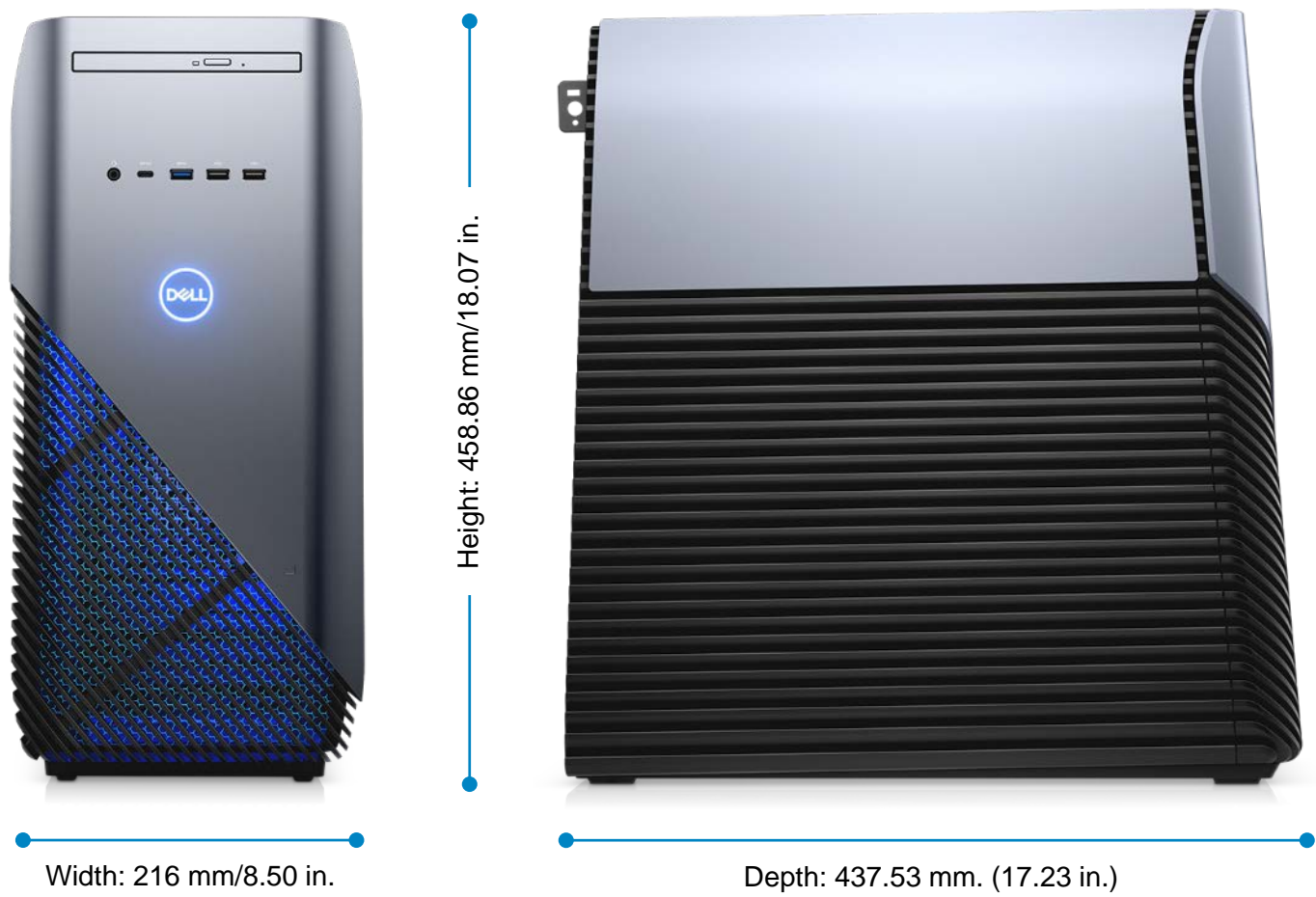
Feature	Technical Specification	Feature	Technical Specification
Model Number¹	Inspiron Gaming Desktop (5680)	Power Supply	460 Watt Internal Power Supply
Processor Options¹	8 th Generation Intel® Core™ i3 8100 (4-Core/4-Thread, 6MB Cache, 3.6GHz) 8 th Generation Intel® Core™ i5 8400 (6-Core/6-Thread, 9MB Cache, up to 4GHz with Intel® Turbo Boost Technology) 8 th Generation Intel® Core™ i7 8700 (6-Core/12-Thread, 12MB Cache, up to 4.6GHz with Intel® Turbo Boost Technology)	Cooling Technology	Air Cooling – Smart cooling thermal solution
Operating System^{1,2}	Microsoft® Windows® 10 Home 64-bit Microsoft® Windows® 10 Pro 64-bit Microsoft® Windows® 10 Single Language 64-bit	Ports, Slots & Chassis¹	(1x) Audio Combo Jack (2x) SuperSpeed USB 3.1 Gen 1 Type-A (2x) USB 2.0 With optional Optical Drive: Front Ports (1x) Audio Combo Jack (1x) SuperSpeed USB 3.1 Gen 1 Type-C (1x) SuperSpeed USB 3.1 Gen 1 Type-A (2x) USB 2.0 Rear Ports (4x) SuperSpeed USB 3.1 Gen 1 Type-A (2x) USB 2.0 (1x) RJ-45 Gigabit Ethernet Port (1x) Full Size DisplayPort (1x) Microphone (1x) Front L/R surround line-out (1x) Rear L/R surround (1x) Center/subwoofer surround (1x) Line-in/Side surround
Memory Options^{1,2,3}	8GB DDR4 at 2400MHz; up to 64GB (additional memory sold separately) (Standard) 16GB DDR4 at 2400MHz; up to 64GB (additional memory sold separately)	Dimensions & Weight^{1,14}	Height (maximum): 458.86 mm (18.07 in.) Depth (maximum): 437.53 mm. (17.23 in.) Width (maximum): 216 mm. (8.50 in.) Average weight: 13.74 Kg. (30.27 lbs.)
Chipset¹	Micro ATX motherboard Intel® Z370 Express Chipset	Systems Management¹	Factory Installed Dell Client Command Update, Factory Installed Dell Command Power Manager
Graphics^{1,11}	NVIDIA® GeForce® GTX 1050 with 2GB GDDR5 NVIDIA® GeForce® GTX 1060 with 3GB GDDR5 NVIDIA® GeForce® GTX 1070 with 8GB GDDR5	Warranty and Service¹	Limited Hardware Warranty ⁴ Standard 1 year Next Business day Service after Remote Diagnosis ⁹ optional 3, 4 and 5 year hardware warranty extensions and 3-5 year Dell ProSupport contracts available ¹⁰
Storage Options^{1, 5}	Single Storage Drive Options 1TB 7200RPM 6Gb/s Dual Storage Drive Options 128GB M.2 SATA SSD (Boot) + 1TB 7200RPM SATA 6Gb/s (Storage) 128GB M.2 SATA SSD (Boot) + 2TB 7200RPM SATA 6Gb/s (Storage) 256GB M.2 SATA SSD (Boot) + 1TB 7200RPM SATA 6Gb/s (Storage) 256GB M.2 SATA SSD (Boot) + 2TB 7200RPM SATA 6Gb/s (Storage) Intel Optane Accelerated Options 16GB Intel® Optane™ memory accelerated 1TB 7200RPM HDD 32GB Intel® Optane™ memory accelerated 1TB 7200RPM HDD 16GB Intel® Optane™ memory accelerated 2TB 7200RPM HDD 32GB Intel® Optane™ memory accelerated 2TB 7200RPM HDD	Recommended Accessories¹	Alienware 25 Gaming Monitor – AW2518H Alienware Mainstream Gaming Keyboard, Mouse and Palm Rest Dell Performance USB Headset – AE2 Dell 2.1 Speaker System – AE415 Dell Visor and Controllers (Windows Mixed Reality Headset)
Optical Drive Options	No Optical Drive Tray Loading Dual Layer DVD Burner		
Multimedia¹	Internal High-Definition 7.1 Performance Audio Headphone/Microphone combo jack		
System Lighting	Recon Blue Internal Lighting (Standard)		
Expansion Slots	PCIe x16 expansion slot Support for up to 4 storage devices for future upgrades: 2x 3.5" bays, 1x 2.5" bay, 1x M.2 slot		



Inspiron Gaming Desktop | 5680

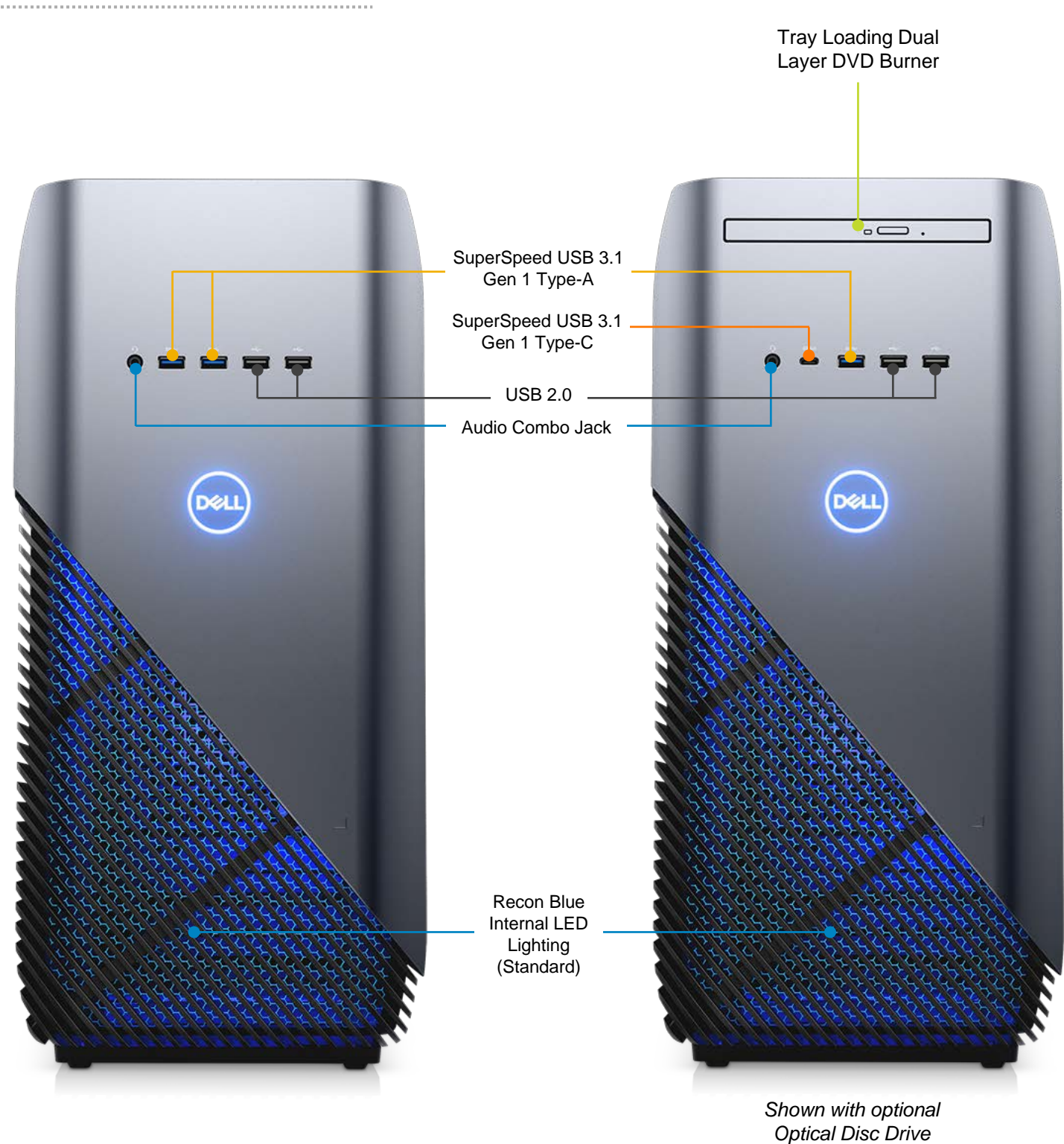
Product Gallery - Dimensions

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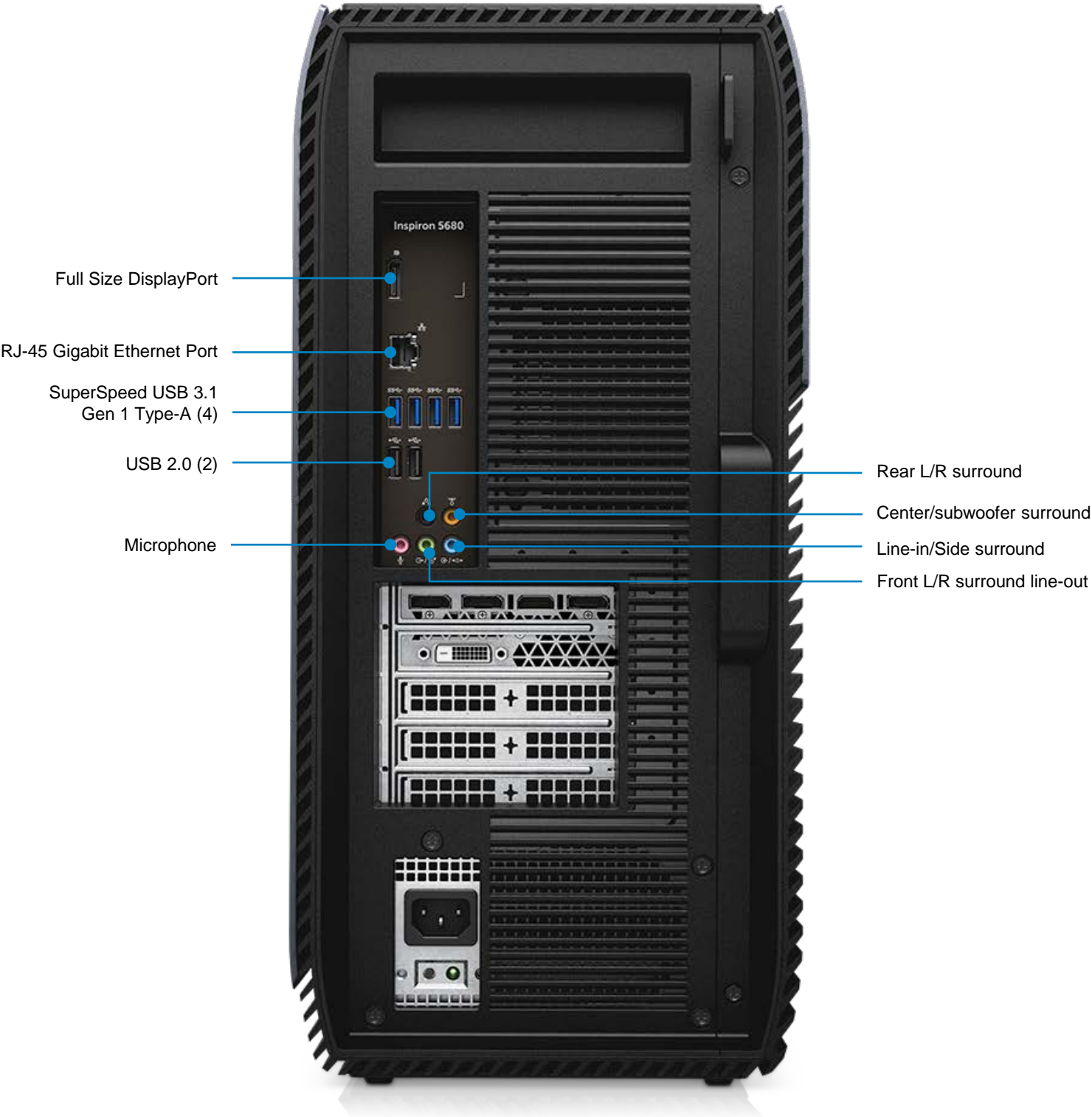
Inspiron Gaming Desktop | 5680

Product Gallery – Front View



Inspiron Gaming Desktop | 5680

Product Gallery – Rear View



Inspiron Gaming Desktop | 5680

Product Gallery – Side View



Shown with optional
clear panel



Services for Inspiron

Dell has services to help with technology needs throughout the life of your Inspiron. Our mission is to be the technology services provider you trust to keep you connected and productive so you can focus on doing more.

Basic Limited Hardware Warranty Plus Mail-In Service after Remote Diagnosis

Dell's 1 Year Limited Hardware Warranty with Mail-In service after remote diagnosis¹ – If your system encounters an issue covered by Dell's Limited Hardware Warranty² and that issue cannot be resolved remotely, this service offers a Mail-In Repair Service (customer provides box and Dell pays shipping) for defects in materials and workmanship in your PC. You can also upgrade or extend your warranty and support coverage with Dell Premium Support. With Premium Support you get 24x7 access to dedicated Dell tech support experts and up to 86% less time on the phone than Limited Hardware Warranty.³

Dell Premium Support

Tech support can be frustrating with long phone menus, hold times and being transferred again and again. Now, Dell Premium Support, eliminates the hassle with SupportAssist technology by automatically detecting hardware and software issues and proactively alerting you with system alerts and by email when they occur. Our expert technicians even call you with all the information they need to quickly resolve critical issues. You also get 24x7 phone access to experts and onsite support after remote diagnosis¹.

Dell Premium Support Plus⁴

Premium Support Plus for PCs is the best supply plan for your busy lifestyle. Everything you need is included - from easy 24/7 access to experts, to accident repairs, and technicians that come to you.

It keeps your computer running at its best. When used with Dell's exclusive SupportAssist technology¹, it automatically predicts problems before they happen, optimizes PC settings and removes viruses. If there is an issue, work begins without you having to pick up the phone, and that means a faster fix.

Premium Support Plus is the ultimate support experience, designed for you.

Accidental Damage Service⁵

Accidents happen – Dell can help. Minimize the unplanned expenses and downtime by protecting you against unforeseen mishaps caused by drops, spills, surges and breaks. No matter how careful you are, accidents can happen. Accidental Damage Service can provide repair or replacement of your system for accidents up to 3 years, not otherwise covered by the Limited Hardware Warranty.²

1 - Onsite Service is not available on Chromebook or Venue tablets, except the Venue 11 Pro. Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of system and multiple or extended sessions. If issue is covered by Limited Hardware Warranty and not resolved remotely, technician and/or part will be dispatched, usually in 1 or 2 business days following completion of Remote Diagnosis. Onsite Service is provided by Dell Marketing L.P. Availability varies. Other conditions apply. For complete details about Onsite Service, see dell.com/servicecontracts

2 - For copy of Limited Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682.

3 - Based on May 2015 Principled Technologies Test Report commissioned by Dell comparing Premium Support with Ltd. Hardware Warranty tech support troubleshooting for hard drive failure. Actual results will vary. Click here for full report.

4 - SupportAssist: SupportAssist not available on Linux, Windows RT, Android, Ubuntu or Chrome based products. SupportAssist automatically detects and proactively alerts Dell to: operating system issues, software upgrades, driver updates and patches, failures of hard drives, batteries. Predictive analysis failure detection is limited to hard drives, solid state drives and batteries.

5 - This service excludes theft, loss, and damage due to fire, flood or other acts of nature, or intentional damage. Customers may be required to return unit to Dell. Limit of 1 qualified incident per contract year. For complete details, visit www.dell.com/servicecontracts.



Important information

Hard Drives: GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

Graphics & shared memory: GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors.

Wireless connectivity: Where wireless access is available. Additional access charges apply in some locations.

Weight: Weights vary depending on configuration and manufacturing variability.

Limited hardware warranty: For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty.

Dell ProSupport™: Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicedescriptions.

Accidental Damage: Service excludes theft, loss, and damage due to fire, flood or other acts of nature, or intentional damage. Customer may be required to return unit to Dell. For complete details, visit www.dell.com/servicecontracts.

Return for Repair after Remote Diagnosis: Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of system and multiple or extended sessions. If issue is covered by Limited Hardware and not resolved remotely, this service offers a 10-14 day mail-in repair option following completion of Remote Diagnosis

Rapid Return for Repair after Remote Diagnosis: Remote Diagnosis is determination by online/phone technician of cause of issue and multiple or extended sessions. If issue is covered by Limited Hardware Warranty (www.dell.com/warranty) and not resolved remotely, shipping instructions will be provided. Next Business Day shipping not available in all areas, which may delay repair and return times. Other conditions apply. For complete details about Rapid Return service, visit www.dell.com/servicecontracts

*EPEAT registration varies by country. Please see www.epeat.net for specific country registration and rating.

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Comparative claims are not allowed in all countries. Please see below to learn which countries ban Dell vs. Dell claims, and which countries will allow the claims only if based upon independent third party testing. You may also contact Legal Counsel in the Region where the claim will be made for additional guidance.

3rd party testing required (Do not make claims) in: South Africa, Ukraine, Venezuela.

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