

Dell recommends Windows®



Dell G7 17 Gaming Laptop

Model 7700

Reviewer's Guide – June 2020



Product appearance may vary slightly from image shown.

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Meet the Dell G Series line

Dell gaming machines are engineered with the specific, demanding needs of the gaming audience in mind. From the latest processors to powerful discrete graphics cards, they make every experience more intense and real – no matter what your level of gaming experience.

Easy – Regardless of price, gamers want a laptop that is easy to set up and get gaming once it is out of the box. The Dell G Series laptops are designed for entry-level to mainstream gamers, featuring the latest processors, powerful discrete graphics, a range of storage and memory options, sharp high resolution displays that can be viewed at any angle, and dual fans for cooling.

Purposeful Innovation – Dell strives to help its customers interact with what matters most to them. Innovative technologies help gamers of all levels get more immersed in their games, become engrossed in video content, and more. Lags, delays and buffering become a thing of the past. The latest processors and graphics cards render new worlds. Brilliant displays with narrow borders provide crisp, honest representation of your games, videos and other content. Alienware Command Center enables the ability to customize your gaming experience. Specially tuned audio provides immersive sound. Wireless connects quickly and stays connected. Purposeful innovation makes all of this more fun, especially when it's so seamless.



Dell G7 17

Feature Overview

Dominate in style.



Made for gaming.

Powerful, sleek gaming laptops engineered with the latest NVIDIA® GeForce® discrete graphics, 10th Gen Intel® Core™ processors and sleek design for the ultimate immersive gaming experience.

Ideal for:

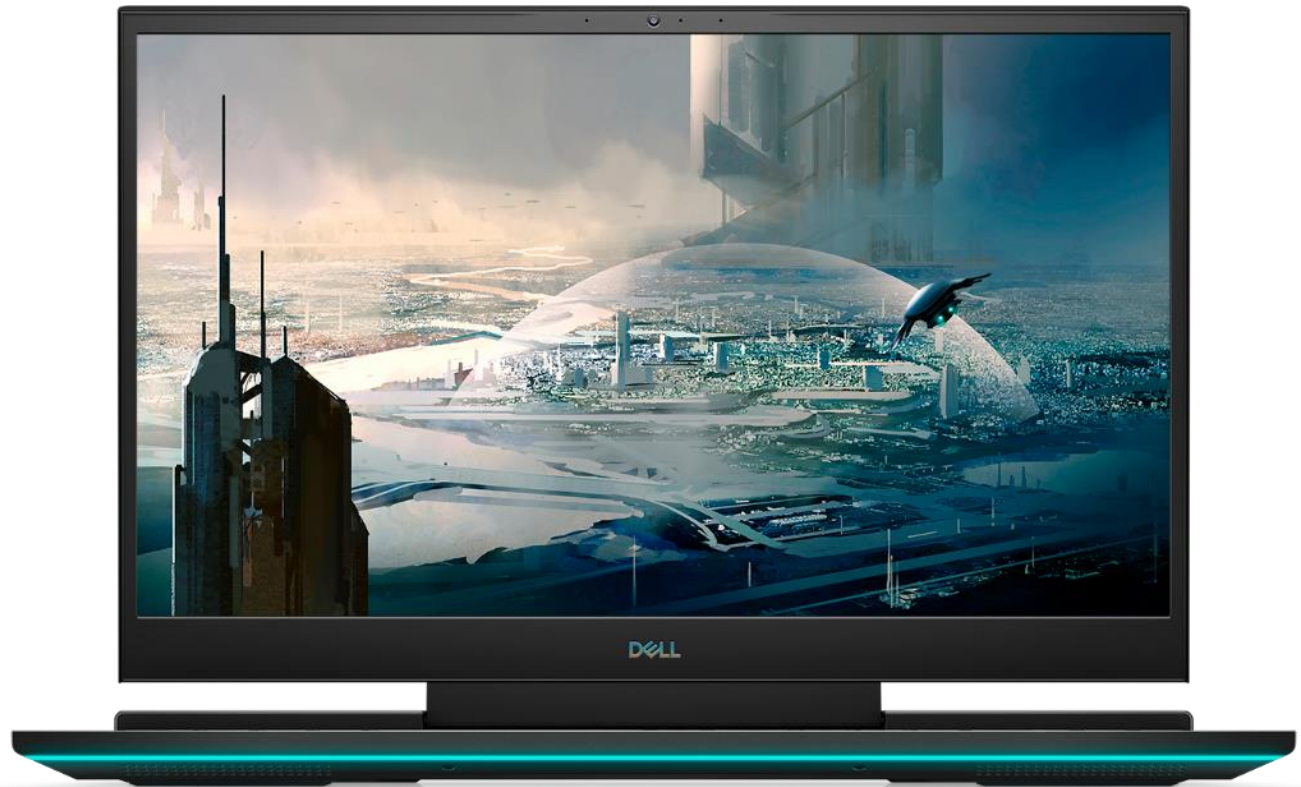
- Consumers who want powerful gaming technology and features in a well-designed, versatile laptop that doesn't break the bank.



Dell G7 17

Feature Overview

Automatic style points



The new Dell G7 17 gaming laptop features a thin, sophisticated design for an unforgettable look and feel, thanks to the innovative hinge design. At just 19.3mm and featuring a Mineral Black chassis with iridescent silver accents and 4-zone RGB keyboard with WASD and chassis lighting, it's built to elevate your game with a style that lets you go from gaming to the classroom or conference room with confidence.



Dell G7 17

Feature Overview

Heart-pounding power



Guaranteed power: With up to 10th Gen Intel® Core™ i9 processors, you can revel in powerful performance without interrupting your gaming, streaming or videos.

Keep cool: The G7 17 gaming laptop features a dual-fan cooling system to help spread out heat and keep your system responsive and cool during intense gameplay.

Reinforced strength: Experience faster boot ups and more storage options with dual drives including M.2 NVMe PCIe SSD options

Shift into a higher gear: When gaming gets critical, press the dedicated Game Shift key to the left of the keyboard to trigger dynamic performance mode without having to leave your gameplay. This maximizes the fans' speed to keep your system cool, allowing the processors to work harder. Once you're ready to move along with your mission, you can hit the Game Shift key one more time to return your G7 17 to default performance settings.



Dell G7 17

Feature Overview

Victory in vivid detail

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Immersive graphics: With powerful NVIDIA® GeForce® discrete graphics up to RTX™ 2070 Super with Max-Q Design, you can game at higher settings with crystal-clear detail and smooth, realistic gameplay for a more immersive on-screen experience.

Get drawn in: Gameplay appears sharp from virtually every angle on the 17.3" FHD anti-glare display screen with 2-sided narrow borders. Opt for 144Hz or 300Hz with 300 nits display panel for a smooth, immersive gaming experience.

Vivid sound: Superior sound with stereo speakers and nahimic 3D Audio for Gamers, featuring intuitive audio and voice controls, as well as Audio Recon visual sound tracking for a more immersive gaming.



Dell G7 17 Feature Overview

Engineered to be adventure ready.



Light it up: Customize your game play with the 4-zone RGB keyboard and chassis lighting using Alienware Command Center to match your fighting style or favorite color scheme.

A superior connection: The full-size HDMI 2.0 port plugs into external monitors & supports up to 4K for a fully immersive gaming experience.

Power that lasts: Your quick-charge 3-cell 56 WHr battery, or optional 6-cell 97 WHr battery keeps you gaming on the go.



Optional accessories

Maximize the performance of your gaming laptop with Dell-recommended accessories.



Dell Gaming Backpack 17

Stunning reflective design shines a vibrant rainbow hue when bright lights hit it, while heavy-duty body fabrics and coated base material provide a water-resistant shield against the elements, and the robust construction and padding helps to reduce movement to safeguard your gaming gear.



Alienware 7.1 Gaming Headset – AW510H

Gaming headset designed in the new Legend ID with 7.1 virtual surround sound and Alienware Immersive Audio technology. Built for maximum comfort, the AW510H features comfort-fit earpads, a retractable mic with noise cancellation, detachable USB connection, and a swappable 3.5mm cable for easy cross-platform compatibility.



Alienware RGB Gaming Mouse – AW510M

Experience greater gaming with an all-purpose wired gaming mouse engineered with AlienFX lighting (RGB) 16000 DPI, 10 programmable buttons, and a custom adjustable scroll wheel. Featuring an ergonomic design in the new Legend ID design.



Alienware Low-Profile Mechanical Gaming Keyboard – AW510K

The new modern design offers low profile Cherry MX keys for quick reaction and precision. Fully customizable AlienFX per-key RGB lighting allows you to choose from up to 16.8million colors per key. A sound roller allows for fast, accurate audio adjustments.



Dell 32 Curved Gaming Monitor – S3220DGF

Experience astonishingly fast responsiveness with 165Hz refresh rates and AMD FreeSync™ 2 HDR Technology for fast, smooth gameplay on a 31.5-inch curved gaming monitor featuring DisplayHDR™400 for lifelike visuals and vivid colors.



Dell 27 Gaming Monitor – S2719DGF

Dominate your games with this monitor engineered for gamers with crisp QHD resolution and tear-free visuals enabled by FreeSync™, 144Hz native refresh rate and a three-sided thin bezel design.



Dell G7 17 (7700)

Features & Technical Specifications

Feature	Technical Specification	Feature	Technical Specification
Model Number	7700	Optical Drive Options	N/A
Processor Options	10 th Gen Intel® Core™ i5-10300H Quad Core Processor (8M Cache, up to 4.5 GHz) 10 th Gen Intel® Core™ i7-10750H Hex Core Processor (12M Cache, up to 5.0 GHz) 10 th Gen Intel® Core™ i9-10885H Octa Core Processor (16M Cache, up to 5.3 GHz)	Multimedia	2 tuned speakers with nahimic 3D Audio for Gamers 1 combo headphone / microphone jack Integrated widescreen HD (720p) Webcam with Dual Array Digital Microphone
Operating System*	Windows® 10	Connectivity Options	802.11ac +Bluetooth 4.1 802.11ac +Bluetooth 5.0 Intel AX201/ Killer Wireless 1650 2x2 AC and Bluetooth 5.1 (Optional) 1x1 Gigabit Ethernet (NVIDIA® GeForce® GTX 1650 Ti) 2x2 Gigabit ethernet with Killer™ Ethernet E2500V2 (NVIDIA® GeForce® GTX 1660Ti and above)
Graphics	NVIDIA® GeForce® GTX 1650 Ti, 4GB GDDR6 NVIDIA® GeForce® GTX 1660 Ti, 6GB GDDR6 NVIDIA® GeForce® RTX 2060, 6GB GDDR6 NVIDIA® GeForce® RTX 2070, 8GB GDDR6 NVIDIA® GeForce® RTX 2070 Super, 8GB GDDR6	Battery Options*	56 WHr, 3-Cell Battery (integrated) 97 WHr, 6-Cell Battery (integrated)
Display Options	FHD (1920 x 1080) 300 nits WVA Anti-Glare LED Backlit Display (non-touch) with 144Hz refresh rate FHD (1920 x 1080) 300 nits WVA Anti-Glare LED Backlit Display (non-touch) with 300Hz refresh rate	AC Adapter	130 Watt AC Adapter 240 Watt AC Adapter
Memory Options*	8 - 16GB, 2933 MHz, DDR4; up to 32GB (additional memory sold separately)	Dimensions (H x W x D)	19.3 x 398.2 x 290 mm / 0.76 x 15.7 x 11.4 inches
Storage Options*	Single storage: 128GB PCIe M.2 SSD (Class 35) 256GB PCIe M.2 SSD (Class 35/40) 512GB PCIe M.2 SSD (Class 35/40) 1TB PCIe M.2 SSD (Class 40) Dual storage: 512GB PCIe M.2 SSD (Class 35) + 512GB PCIe M.2 SSD (Class 40)	Starting Weight*	6.53 lb (2.96kg)
Ports, Slots & Chassis	(1) HDMI 2.0, (3) SuperSpeed USB 3.2 Gen 1 Type-A including (1) with PowerShare, (1) 2-in-1 SD / MicroMedia Card slot, wedge lock slot, Headphone/Mic Only on GTX 1650Ti: (1) USB-C DisplayPort Alt-Mode only; (1) RJ45 Only on GTX 1660Ti and above: (1) Thunderbolt™ 3 Port (USB 3.1 Gen 2 Type-C™ with support for 40 Gbps Thunderbolt and DisplayPort); (1) miniDP; (1) RJ-45 Killer Networks E2500V2 Gigabit Ethernet Port	Color Options	Mineral Black
Input	4-zone RGB backlit full size, spill-resistant WASD keyboard with numeric keypad (US English only) Precision Touchpad	Security	N/A
		Software	Alienware Command Center, Dell Digital Delivery, Dell Mobile Connect, Dell Recovery Environment, DropBox, Microsoft® Office 2016 trial, McAfee LiveSafe (30-Day)
		Peripheral Ecosystem	Dell 32 Curved Gaming Monitor – S3220DGF, Alienware Low-Profile Mechanical Gaming Keyboard – AW510K, Alienware Gaming Headset – AW510H, Alienware Wired Gaming Mouse – AW510M, Dell Gaming Backpack 17 – GM1720PM
		Regulatory & Environmental Compliance	ENERGY STAR 8.0

*NOTES:

Features may vary by region.

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 & System 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.

Battery life: figures are based on testing using the Mobile Mark 2014 battery life benchmark test. For more information about this benchmark test, visit www.bapco.com. Test results should be used only to compare one product with another and are not a guarantee you will experience the same battery life. Battery life may be significantly less than the test results and varies depending on your product's configuration, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time and use.

Watt Hour (WHr): The stated Watt Hour (WHr) is not an indication of battery life.

Notebook Weight: Weights vary depending on configuration and manufacturing variability.

Limited Hardware Warranty: For copy of Limited Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty. Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicecontracts.



Dell G7 17

Battery Claims

Dell G7 17 Battery Claims (Model 7700)

In progress

Options & configurations are subject to regional availability.

*The stated Watt Hour (WHr) is not an indication of battery life.

** Battery life is based on Mobile Mark 2014 benchmark test, available at www.bapco.com. Test results are for comparative purposes only. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time.



Dell G7 17 Weight Claims

Dell G7 17 Weight Claims (Model 7700)

In progress

***Weights vary depending on configuration and manufacturing variability.



Dell G7 17

Product Gallery - Dimensions



Dell G7 17

Product Gallery – Angled views



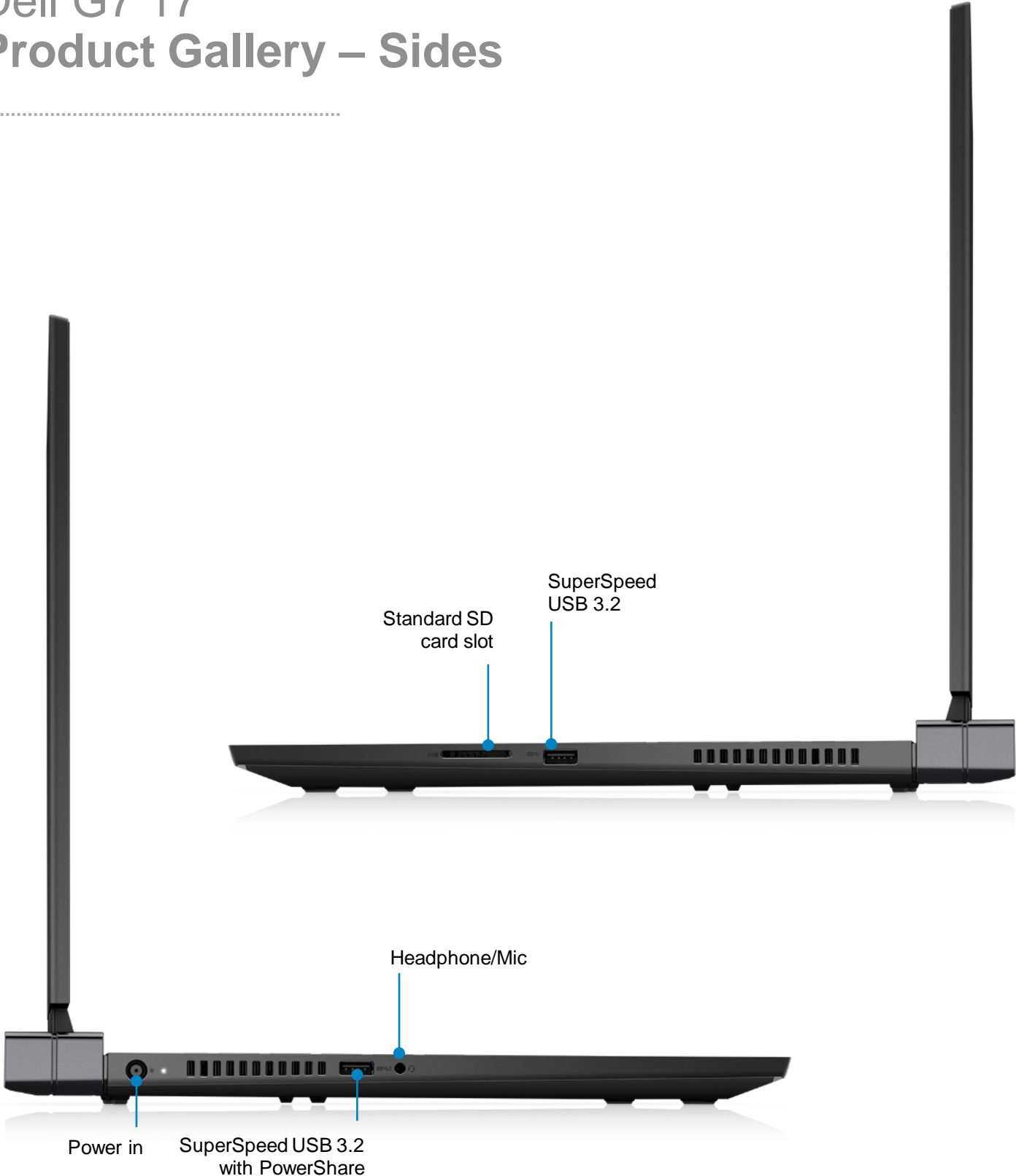
*See page 19 for important information

13 Product appearance may vary slightly from image shown.
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Dell G7 17

Product Gallery – Sides



*See page 19 for important information



Dell G7 17

Product Gallery – Rear



USB-C DisplayPort Alt-Mode only on GTX 1650 Ti

Thunderbolt™ 3 Port (USB 3.1 Gen 2 Type-C™ with support for 40 Gbps Thunderbolt and DisplayPort) on GTX 1660 Ti and above

miniDP on GTX 1660 Ti and above

HDMI 2.0

SuperSpeed USB 3.2

RJ-45 on 1650 Ti

RJ-45 Killer Networks E2500V2 Gigabit Ethernet Port on GTX 1660 Ti and above

*See page 19 for important information



Dell G7 17

Product Gallery – Keyboard and Lid



*See page 19 for important information

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Dell G Series software

Alienware Command Center

Designed to improve your gaming experience, fine-tune all your game and systems settings, solve problems and manage time.

Dell Mobile Connect

Never miss a single call or notification from SMS, WhatsApp, Uber, PayPal, Instagram, and other mobile apps*. For seamless multitasking, your full-size PC keyboard, screen and speakers will provide you with more enjoyable communications via text and hands-free calls.

Microsoft® Office 30-Day trial

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

McAfee

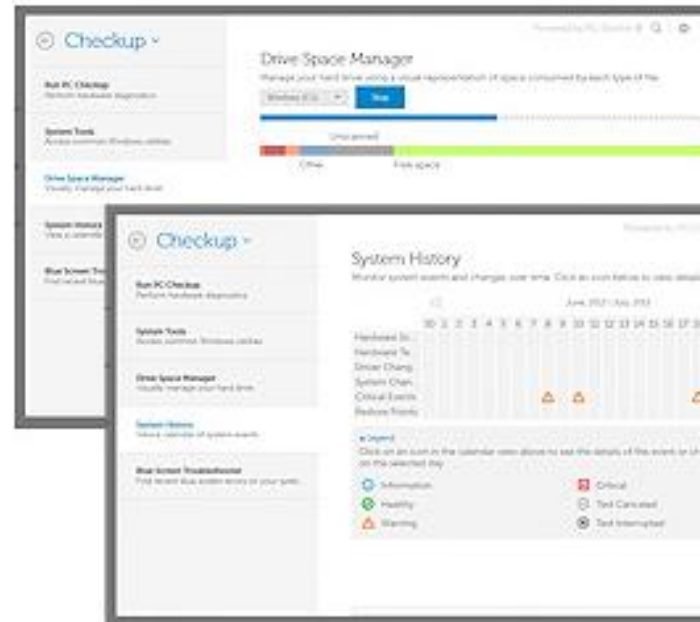
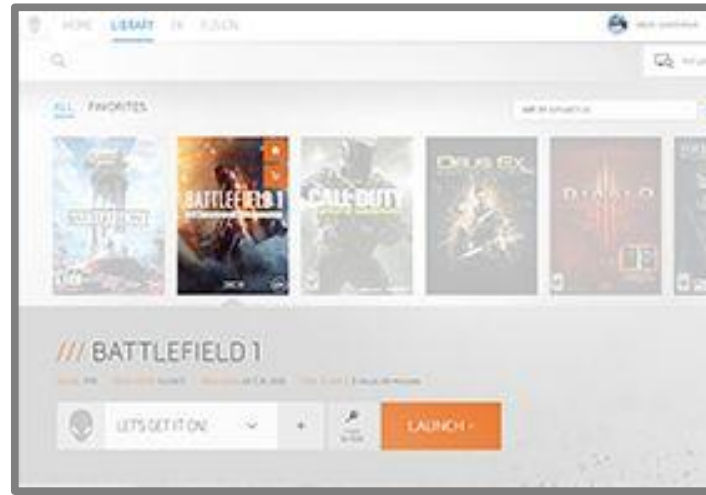
Award-winning security for every device; shields PCs from viruses and online threats like risky websites and dangerous downloads, shreds digital files like e-bills and online bank statements saved on PCs.

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.



*See page 19 for important information



Services for Dell G Series

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

Features may vary by region.

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.

Dell Mobile Connect: Access to mobile apps and mobile apps notifications is available only on Android. See more at <http://www.dell.com/en-us/shop/dell-mobile-connect/ab/dell-mobile-connect>

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/service-descriptions.

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

CAUTION: GEOGRAPHIC LIMITATIONS ON COMPARATIVE ADVERTISING

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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