



Dell G5 Desktop

Model 5000

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 PC that is easy to set up and get gaming once it is out of the box. The Dell G Series computers are designed for entry-level to mainstream gamers, featuring the latest technology, including 10th Gen Intel Core processors, powerful NVIDIA® GeForce® discrete graphics, a range of storage and memory options, and thoughtfully designed thermal management systems.

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. 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.



Product appearance may vary slightly from image shown.



Dell G5 Desktop Feature Overview

Game changer. Space saver.



Made for gaming.

Powerful, compact gaming desktop with easy upgradeability and up to 10th Gen Intel® Core™ i9KF CPUs, VR-capable GPUs and up to 128GB DDR4 RAM.

Ideal for:

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

Product appearance may vary slightly from image shown.



Dell G5 Desktop Feature Overview

Power that refuses to slow down



Kick performance into high gear: Engineered for up to 10th Gen Intel® Core™ i9 processors and i9 K-Series CPUs, the G5 gaming desktop possesses powerful performance and split-second responsiveness for uninterrupted gameplay.

VR-capable graphics: Built for easy expandability, the G5 supports up to the latest NVIDIA® GeForce® GTX and RTX or AMD graphics cards for high-powered gameplay and VR-capable performance.

Do more with more memory: Up to 128GB DDR4 2666 MHz RAM ensures overall advanced performance during intensive gaming.

Optimal cooling: The G5 stays cool during intense gaming sessions thanks to optimal airflow driven by a 65W Standard or 125W CPU K-Series cooler, and a system fan with a maximum fan speed of 4500 rpm (+/- 450rpm) and a flowrate of 45 cubic feet per minute (CFM) (+/- 4.5CFM). With four thermal mode options that can be set in the Alienware Command Center, you can adjust based on your needs whether gaming, working, studying or watching videos.

Product appearance may vary slightly from image shown.
Features may vary by region.



Dell G5 Desktop Feature Overview

Built for a higher state of gaming



Conveniently compact: The surprisingly compact design takes up minimal space, making it easier to adjust your full gaming setup or transport your PC to on-site gaming parties.

Unforgettable design: A distinctive, gamer-inspired design with optional RGB LED bezel lighting and optional clear window side panel with RGB LED interior lighting give the G5 gaming desktop a dynamic look and feel that stands out among the crowd.

Full speed ahead: Killer Gigabit Ethernet + Killer Wireless ensures blazing-fast speed and smooth network traffic.

Product appearance may vary slightly from image shown.



Dell G5 Desktop Feature Overview

Enhance your game



Upgrades made easy: By loosening the two thumbscrews on the back of the system, you can easily remove the side panel to access the internals of the system and upgrade your CPU, GPU, memory and hard drives.

Supreme storage: Expand your storage capacity with three bays to accommodate additional hard drives, including one 3.5" bay and two 2.5" bays. An M.2 slot allows for additional SSD storage, as well.

Product appearance may vary slightly from image shown.



Dell G5 Desktop Feature Overview

Alienware Command Center on Dell G Series



Game better: We've crafted innovative software specifically designed to improve your gaming experience, fine-tune all your game and systems settings, solve problems and manage time.

Calibrate your controls: Now you have control over your hardware and software environments. Not only can you tailor the Alienware peripherals for each and every game you play, you can personalize the space and setup to make your software look and feel precisely the way you want it, without interfering with your gameplay or other activities.

Ace library science: The easy-to-use interface links all your various system settings with a gaming library, making it simple to access gaming information. No matter what the source, the command center gives you easy access to your games and the ability to fine-tune settings for each one. Create a unique game profile and it stays just how you want it, no matter where you launch.

Product appearance may vary slightly from image shown.



Optional accessories

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



Dell 32 Curved Gaming Monitor | S3220DGF

Experience astonishingly fast responsiveness with 165Hz refresh rates and AMD Radeon 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.



Alienware Wired 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 Alienware Legend ID.



Alienware Mechanical Gaming Keyboard | AW310K

Every world is at your fingertips with this programmable keyboard featuring macro key functions, mechanical switches and white backlighting.



Alienware Low-Profile Mechanical Gaming Keyboard | AW510K

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



Alienware Gaming Headset | AW310H

Ramp up your gameplay on the all-new Alienware headset with custom composite 50mm drivers, Alienware Immersive Audio technology and Hi-Res audio. Plus, you can communicate with your team on the Discord-certified retractable mic.



Dell 27 Gaming Monitor | S2719DGF

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

Product appearance may vary slightly from image shown.
Optional accessories shown subject to regional availability.



Technical Specifications

Feature	Technical Specification	Feature	Technical Specification
Model Number	5000	Expansion Slots*	(2) 2.5" slot, (1) 3.5" slot, (1) M.2 slot
Processor Options	10th Gen Intel® Core™ i3-10100 (4-Core, 6MB Cache, up to 4.2GHz with Intel® Turbo Boost Technology) 10th Gen Intel® Core™ i5 10400 (6-Core, 9MB Cache, up to 4.1GHz with Intel® Turbo Boost Technology) 10th Gen Intel® Core™ i7 10700 (8-Core, 12MB Cache, up to 4.7GHz with Intel® Turbo Boost Technology) 10th Gen Intel® Core™ i9 10900 (8-Core, 16MB Cache, up to 5GHz with Intel® Turbo Boost Technology) 10th Gen Intel® Core™ i5F 10600K (6-Core, 9MB Cache, up to 4.6GHz with Intel Turbo Boost Technology) 10th Gen Intel® Core™ i7F 10700K (8-Core, 12MB Cache, up to 4.9GHz with Intel Turbo Boost Technology) 10th Gen Intel® Core™ i9 10900K (8-Core, 16MB Cache, up to 5GHz with Intel Turbo Boost Technology)	Power supply options	360W Power Supply 550W Power Supply
Motherboard	Dell motherboard Intel® H370 Express Chipset	Cooling	Air-cooling technology with single 80mm fan CPU cooler (65W or 125W)
Operating System*	Windows® 10	Ports	Front: (1) Microphone jack, (1) Headset jack, (2) USB 2.0, (1) USB 3.1, (1) USB 3.1 Type-C Back: (4) USB 3.1, (2) USB 2.0, (1) RJ45 Ethernet Port, (1) Center/subwoofer LFE surround port, (1) Side L/R surround port, (1) Front L/R surround port, DVI/DP/HDMI ports vary based on graphics card
Graphics	AMD Radeon™ RX5600, 6GB GDDR6 NVIDIA® GeForce® GTX 1650 SUPER, 4GB GDDR6 NVIDIA® GeForce® GTX 1660 SUPER, 6GB GDDR6 NVIDIA® GeForce® GTX 1660 Ti, 6GB GDDR6 NVIDIA® GeForce RTX™ 2060, 6GB GDDR6 NVIDIA® GeForce RTX™ 2060 SUPER, 8GB GDDR6 NVIDIA® GeForce RTX™ 2070, 8GB GDDR6 NVIDIA® GeForce RTX™ 2070 SUPER, 8GB GDDR6	Optical Drive Options	N/A
Memory Options*	8GB DDR4 at 2666MHz (1x8GB)* 16GB DDR4 at 2666MHz (1x16GB)* 16GB Dual Channel DDR4 at 2666MHz (2x8GB)* 32GB Dual Channel DDR4 at 2666MHz (2x16GB)* 64GB Dual Channel DDR4 at 2666MHz (2x32GB)* 64GB Quad Channel DDR4 at 2666MHz (4x16GB)* 128GB Quad Channel DDR4 at 2933MHz (4x32GB)* *up to 64GB; additional memory sold separately Note: Max achievable speed up to 2933MHz on i7/i7K/i9/i9K CPUs	Audio	Integrated 5.1 channel High Definition Audio, Realtek ALC3861 with Waves MaxxAudio® Pro
Storage Options*	Single Drive Options: 1TB 7200 RPM 3.5" SATA HDD 2TB 7200 RPM 3.5" SATA HDD 128GB M.2 PCIe SSD 256GB M.2 PCIe SSD 512GB M.2 PCIe SSD 1TB M.2 PCIe SSD 2TB M.2 PCIe SSD Dual Drive Options: 128GB M.2 SATA SSD (Boot) + 1TB 7200RPM HDD 128GB M.2 SATA SSD (Boot) + 2TB 7200RPM SATA (Storage) 256GB M.2 PCIe SSD (Boot) + 1TB 7200RPM SATA (Storage) 256GB M.2 PCIe SSD (Boot) + 2TB 7200RPM SATA (Storage) 512GB M.2 PCIe SSD (Boot) + 1TB 7200RPM SATA (Storage) 512GB M.2 PCIe SSD (Boot) + 2TB 7200RPM SATA (Storage) 1TB M.2 PCIe SSD (Boot) + 1TB 7200RPM SATA (Storage) 2TB M.2 PCIe SSD (Boot) + 2TB 7200RPM SATA (Storage)	Connectivity Options	Qualcomm DW1810 1x1 802.11ac Wi-Fi Wireless + Bluetooth 4.2 Killer™ Wi-Fi 6 AX1650 (2x2) 802.11ax Wireless + Bluetooth 5.0
		Dimensions (H x W x D)	367mm x 169mm x 308mm / 14.45 in x 6.65 in x 12.12 in
		Starting Weight*	Starting @ 7.6Kg (16.7 lbs)
		Color Options	Abyss Dull Grey, no lighting Abyss Dull Grey with RGB LED lighting on front Abyss Dull Grey with RGB LED lighting on front/inside and clear side door
		Software	Alienware Command Center, Dell Digital Delivery, Dell Mobile Connect, Dell Recovery Environment, DropBox, Microsoft® Office 30-Day Trial, McAfee LiveSafe (30-Day)
		Peripheral Ecosystem	Dell 32 Curved Gaming Monitor – S3220DGF Alienware RGB Gaming Mouse – AW510M Alienware Mechanical Gaming Keyboard – AW310K Alienware Low-Profile RGB Mechanical Gaming Keyboard – AW510K Alienware Stereo Gaming Headset – AW310H

***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.
Expansion slots: Post-purchase upgrades or expansions may require additional brackets and cables.



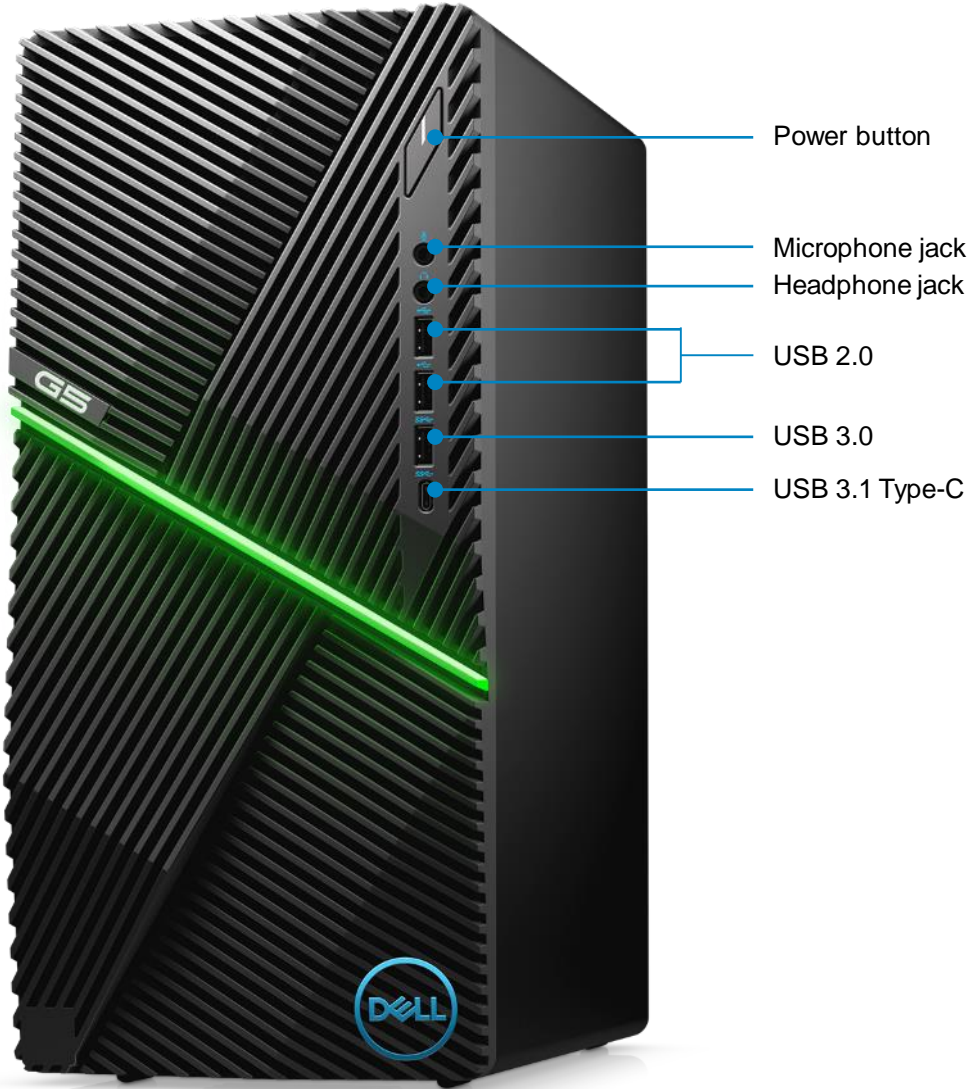
Dell G5 Desktop Product Gallery - Dimensions



Product appearance may vary slightly from image shown.
Some features and color subject to regional availability.



Dell G5 Desktop Product Gallery - Front

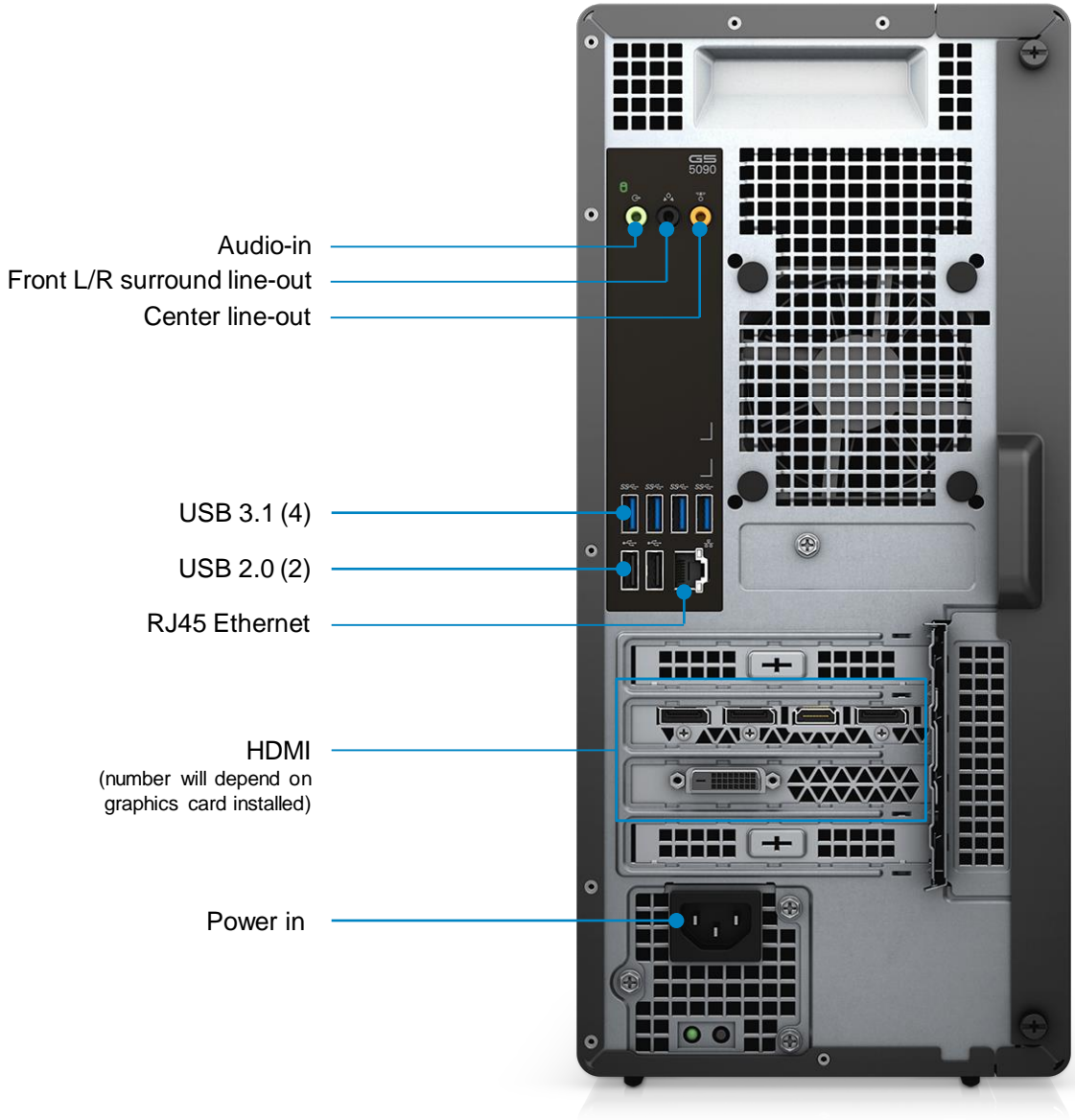


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*See page 15 for important information



Dell G5 Desktop Product Gallery – Back



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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

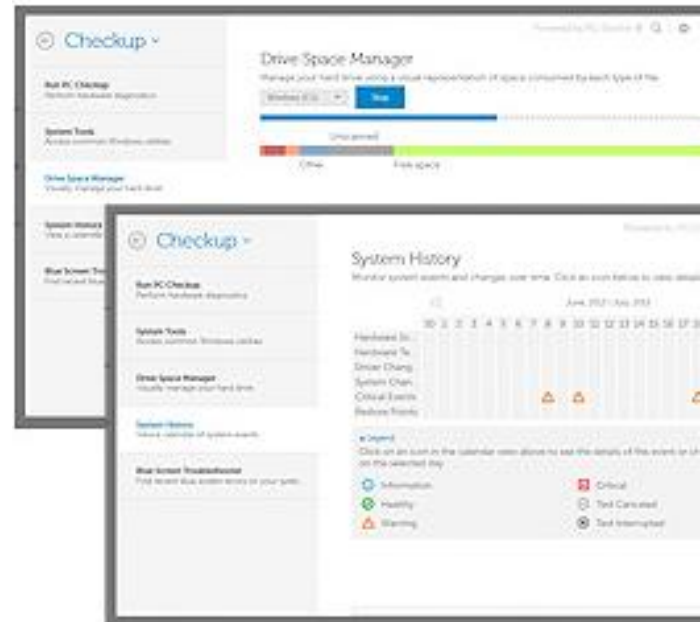
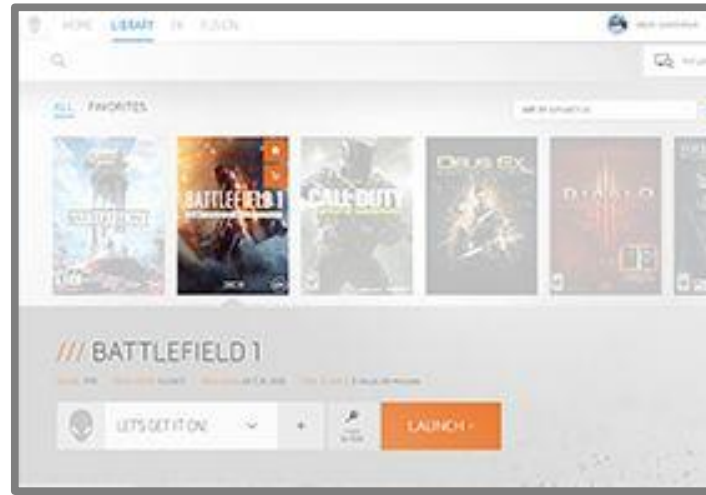
Award-winning security for every device; shields PCs from viruses and online threats like risky websites and dangerous downloads, shreds digital files like e-bills and online bank statements saved on PCs.

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 15 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

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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

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