

Some features and color subject to regional availability.

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# Dell Vostro Notebook 15 7000

Model 7500

Reviewer's Guide – June 2020

Product appearance may vary slightly from image shown.



## Built for Small Business



The Vostro family of PCs is built for Small Business. Whether you're balancing the books, ordering inventory or managing payroll, the easy-to-use Vostro family of PCs is dedicated to helping your business thrive. This brand delivers reliable security, essential productivity features, outstanding support and exceptional affordability.

Product appearance may vary slightly from image shown.



# Vostro Notebook 7500

## Feature Overview



### The Ultimate Power Move

15.6-inch high-performance laptop with a stylish, sophisticated design. Featuring 10<sup>th</sup> gen Intel® Core™ processors and Nvidia® GeForce® graphics.

### Boost Your Business

Tackle your workday challenges with **the latest H Series Intel® processors up to 6-core**, engineered to handle the most performance-demanding applications.

Built with content creators in mind, the new 7000 series is equipped with **NVIDIA's powerful graphics card, up to NV GeForce® GTX 1650 Ti with 4GB GDDR6 graphics memory.**

Never worry about running out of space with this advanced system that offers several storage options, including a **2TB M.2 PCIe NVMe SSD.**

It's no secret it takes hard work and long hours to run a small business. No one wants to worry about running out of power. Now you can work through the whole day without plugging in with **up to 97 Whr battery.**

### Designed to Impress

The powerful 7000 series comes in a new, lightweight design that is **0.69 inches (17.5 mm) thin** and encased in durable **brushed aluminum.**

Colors are rich and images are beautiful on the **15.6" FHD, anti-glare display (up to 300 nits) with a 4-sided narrow border.**

The **intelligent thermal technology** allows this new notebook to adapt its thermal profiles to stay cool when it's on your lap and run at full power when it's stationary on a desk for maximum productivity. The **new drop-hinge** lifts the notebook slightly off the table when it's open past a 135 degree angle, further improving thermals by allowing for better airflow and creating a better typing experience.

For workers on the move, the Vostro 15 7000 offers a durable design **that passes the military grade test (MIL STD 810G)** to ensure your laptop withstands real-world conditions as you work on the go. It is also equipped with a **spill-resistant keyboard** that helps you power through morning coffee and lunch meetings.

### On-The-Go Conferencing

Never miss a word on your video-conference with the immersive audio experience professionally tuned by **Waves MaxxAudio® Pro** that includes 5.1 channel sound, echo cancelation and background noise reduction.

New and improved **SmartByte software** ensures video-conferencing applications receive network bandwidth priority over other bandwidth-consuming applications so you're getting outstanding clarity on your business calls. The best part is your new Vostro (and Inspiron) PCs communicate with one another, enabling clear video-presentations even when several of your office computers are using bandwidth to run updates or download files.



# Vostro Notebook 7500

## Feature Overview Continued



### Built in Security

**\*Hardware TPM 2.0** allows you to easily encrypt your passwords and data by enabling Windows BitLocker. The TPM chipset enables hardware-based encryption solutions to protect against malware.

Log in quickly and securely without having to use a password with the optional, built-in **power button fingerprint reader** and **Windows 10 Hello** biometric recognition feature. Feel confident that your data and your system are well-protected against malware and cyber threats with Windows 10 and TPM 2.0.

**The new webcam privacy shutter** ensures no one can see you while the HD webcam isn't in use.

### Unite All Your Devices with Dell Mobile Connect

Access multiple devices without dividing your attention with **\*\*Dell Mobile Connect, which pairs your iOS or Android smartphone with your laptop.**

With Dell Mobile Connect you can **make calls, send texts, get notifications** and even mirror your phone onto your PC to interact with all your favorite apps.

Your phone connects to your PC via Dell Mobile Connect's point-to-point, **secure connection** so your data is never exposed via unsecure internet connections.

**Quickly move photos, videos, music and documents from your PC to your phone**, and vice-versa, without complicated cloud storage services or cumbersome cables.

### Enhanced Productivity

The **USB 3.2 Gen 1 Type-C port** allows you to connect to a display, transfer data and charge your device all with one cable.

A **lid open sensor** will turn on your laptop, even when completely off, so you can access what you need as soon as you need it.

New WiFi 6 (Gig+), also known as 802.11ax, offers **greater connection speeds, stability, and range**, so there's no waiting on an unstable signal to connect.

### Extra Assistance

Using **Windows® 10 Cortana** with a Dell PC equipped with Waves MaxxAudio® Pro lets you easily interact with your own personal, digital assistant. You get a natural voice interaction experience so you have the freedom to multitask and get through your to-do list more quickly.

Choose optional **Dell ProSupport™** for 24x7\* direct telephone access to advanced-level technicians based in your region. Whether you have one office or hundreds around the world, protect your investments with this simple yet flexible approach.

\*TPM 2.0 is only available with i7 processors and is not available in China

\*\* Dell Mobile Connect is available on all Bluetooth-enabled, Inspiron, Vostro, G-Series, Alienware and Consumer XPS devices with Windows 10, purchased after January 1<sup>st</sup>, 2018. Not available on Windows 10 in S Mode. Dell Mobile Connect's smartphone Companion App must be downloaded from the App Store for your device, and requires Android 6 (or above) or iOS 11 (or above). For iOS devices, file transfer capabilities are limited to photos and videos.



# Vostro 15 7000 (7500)

## Features & Technical Specifications

Feature	Technical Specification	Feature	Technical Specification
<b>Model Number</b>	Model# 7500	<b>Multimedia</b>	(2) tuned speakers, audio processing by Waves MaxxAudio® Pro (1) combo headphone / microphone jack Integrated Widescreen HD (720p) Webcam with Dual Digital Microphone Array
<b>Processor Options</b>	10th Generation Intel® Core™ i7-10750H (12MB Cache, up to 5.0 GHz, 6 cores)	<b>Connectivity Options</b>	802.11ac 2x2 WiFi and Bluetooth 5.0 802.11ax 2x2 WiFi and Bluetooth 5.0
<b>Operating System*</b>	Windows® 10	<b>Battery Options*</b>	3-Cell Battery, 56 Whr (Integrated) 6-Cell Battery, 97 Whr (Integrated)
<b>Graphics</b>	NVIDIA® GeForce® GTX 1650 with 4GB GDDR6 graphics memory NVIDIA® GeForce® GTX 1650 Ti with 4GB GDDR6 graphics memory	<b>AC Adapter</b>	130W Power Adapter (4.5mm barrel)
<b>Display</b>	15.6-inch FHD (1920 x 1080) Anti-Glare LED Backlight, Non-Touch, Wide Viewing Angle, 300nits, 100% sRGB, 8bit	<b>Dimensions &amp; Weight*</b>	Height: 17.5 – 18.9mm (0.69" – 0.74") x Width: 356.1mm (14.02") x Depth: 234.5mm (9.23") Weight: 1.77kg (3.9lb)
<b>Memory Options*</b>	16GB, 8GB on-board+8GB SODIMM, DDR4, 2933MHz	<b>Color</b>	Vintage Gray
<b>Storage Options*</b>	512GB M.2 PCIe NVMe Solid State Drive 1TB M.2 PCIe NVMe Solid State Drive	<b>Security</b>	Fingerprint Reader with Windows Hello (Optional) *Hardware TPM 2.0 (not available in China) Webcam privacy shutter
<b>Ports, Slots &amp; Chassis</b>	1 HDMI 2.0 out 2 USB 3.2 Gen 1 Type-A 1 Thunderbolt™ 3 (DP/Power Delivery) Type-C™ (GTX 1650 Ti SKU only) 1 USB 3.2 Gen 1 Type-C (GTX 1650 SKU only) 1 3.5mm Headphone/Microphone combination jack 1 Power (4.5mm barrel) Micro SD Media Card Reader (SD, SDHC, SDXC)	<b>Software</b>	SmartByte, Wave MaxxAudio, Dell Mobile Connect, My Dell, Dell Power Manager, McAfee Small Business Security 30 day Trial, Support Assist
<b>Input</b>	Full-size, spill-resistant keyboard with 10-key numeric keypad Optional backlit full-size, spill-resistant keyboard Multi-touch gesture-enabled precision touchpad with integrated scrolling	<b>Peripheral Ecosystem</b>	Dell Pro Briefcase 15 - PO1520C, Dell Pro Stereo Headset - UC350, Dell 27 Monitor - E2720HSDell Portable SSD, USB-C 250GB, Dell Premier Wireless Keyboard & Mouse - KM717, Dell Universal Dock – D6000
<b>Optical Drive Options</b>	No Optical Drive	<b>Regulatory and Environmental Compliance</b>	ENERGY STAR 8.0 EPEAT Bronze. For specific country participation and rating, please see <a href="http://www.epeat.net">www.epeat.net</a>

### NOTES:

**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](http://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.



# Optional Vostro accessories

You can maximize the versatility and performance of your Vostro Family Laptops with Dell recommended accessories to get the best user experience for your business needs.

## Dell Premier Briefcase 15 - PE1520C

The eco-friendly Dell Premier Briefcase 15 (PE1520C) with elegant black leather accents is designed to make travel through TSA checkpoints easy



## Dell Pro Stereo Headset - UC350

Enjoy exceptional audio clarity while on a call or listening to music, with this noise-cancelling Skype for Business Certified headset. It comes with comfortable leatherette ear cushions and easy-to-use call controls.

## Dell 27 Monitor - E2720HS

Upgrade your daily workflow with a space-saving, 27" FHD monitor featuring a height-adjustable stand and integrated speakers.



## Dell Portable SSD, USB-C 250GB

You can easily access & keep your data safe with this ultra-portable SSD storage, featuring USB type-C connectivity for up to 550MB per second transfer speed and 250GB of reliable SSD storage.

## Dell Premier Wireless Keyboard & Mouse | KM717

Experience premium performance in a cutting-edge wireless keyboard and mouse. Features wireless connectivity through Dell Universal Pairing for connecting up to six compatible RF devices or Bluetooth



## Dell Universal Dock - D6000

Connect up to three displays\* at 4K resolution or a single display at 5K resolution with USB-C and enjoy a clean desk experience with a single USB-C cable for video, data, audio, and power\*\*

\*Dual 4K displays with USB3.0

\*\*Up to 65W



# Vostro 15 7000 laptop

## Battery Life

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### Vostro 15 7000 Claims (CML-H model 7500)

The Vostro 15 7000 has up to **18 hours and 40 minutes** of Mobile Mark 14 battery life with DPST enabled, when equipped with the Intel® 10<sup>th</sup> Gen Core™ i7-10750H processor, NVIDIA GeForce® GTX 1650 Ti Graphics, 16GB DDR4 system memory, 1TB M.2 PCIe NVMe SSD, FHD IPS anti-glare LED non-touch display and 6-cell 97 WHr\* battery, as tested by Dell labs April 2020.\*\*

The Vostro 15 7000 has up to **17 hours and 2 minutes** of Mobile Mark 14 battery life with DPST enabled, when equipped with the Intel® 10<sup>th</sup> Gen Core™ i7-10750H processor, NVIDIA GeForce® GTX 1650 Ti Graphics, 8GB DDR4 system memory, 512GB M.2 PCIe NVMe SSD, FHD IPS anti-glare LED non-touch display and 6-cell 97 WHr\* battery, as tested by Dell labs April 2020.\*\*

The Vostro 15 7000 has up to **10 hours and 14 minutes** of Mobile Mark 14 battery life with DPST enabled, when equipped with the Intel® 10<sup>th</sup> Gen Core™ i7-10750H processor, NVIDIA GeForce® GTX 1650 Ti Graphics, 8GB DDR4 system memory, 512GB M.2 PCIe NVMe SSD, FHD IPS anti-glare LED non-touch display and 3-cell 56 WHr\* battery, as tested by Dell labs April 2020.\*\*

The Vostro 15 7000 has up to **10 hours and 54 minutes** of Mobile Mark 14 battery life with DPST enabled, when equipped with the Intel® 10<sup>th</sup> Gen Core™ i5-10300H processor, NVIDIA GeForce® GTX 1650 Graphics, 8GB DDR4 system memory, 256GB M.2 PCIe NVMe SSD, FHD IPS anti-glare LED non-touch display and 3-cell 56 WHr\* battery, as tested by Dell labs April 2020.\*\*

### ExpressCharge Boost™

The Vostro 15 7000 (7500) can charge from 0% up to 35% within 20 minutes when ExpressCharge mode is selected.\*\*\*

\* 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](http://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.

\*\*\* Within Dell Power Manager software, selecting ExpressCharge can recharge the system battery from 0% up to 35% within 20 minutes when system is powered-off. After charging has reached 35% capacity, charging speed will return to normal speed. Recommended for use with the provided Dell power adapter; not with a smaller capacity power adapter. Charging time may vary.



# Vostro Notebook 7500 Product Gallery – Color

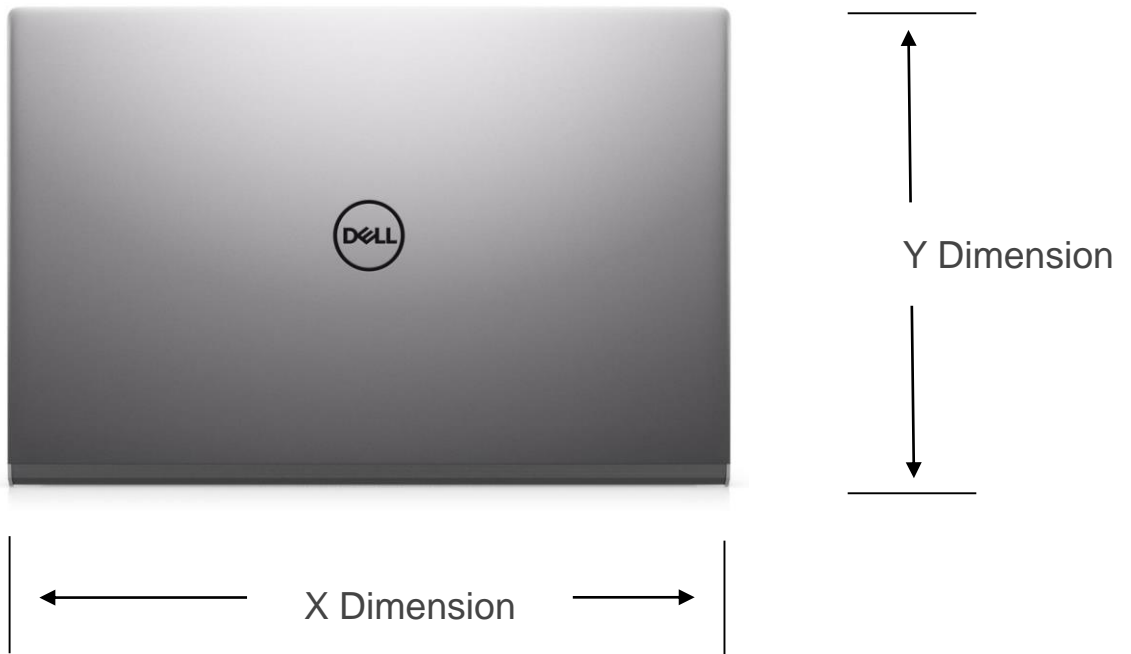


Vintage Gray





# Vostro 15 7000 (7500) Product Gallery – Dimensions



7500 Notebook:  
X = Width: 356.1mm (14.02")  
Y = Depth: 234.5mm (9.23")  
Z = Height: 17.5mm (0.69")  
\*Starting weight: 1.77kg (3.0lb)



# Vostro 15 7000 (7500)

## Product Gallery – keyboard view



Spill-resistant  
keyboard  
(Optional backlit)

Power button  
(Optional  
fingerprint  
reader)

Numeric  
Keypad

Precision  
touchpad



# Vostro Notebook 7500

## Product Gallery – left side



# Vostro Notebook 7500

## Product Gallery – right side



USB 3.2 Gen 1  
Type-A

Headphone/  
Microphone  
Jack

Micro SD card  
reader



# Vostro 7500 Claims

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## Environmental compliance

- ENERGY STAR® 8.0 certified

## Reliability claims

### Designed for the real world — because that's where life happens.

Every Vostro is mindfully designed to ensure reliable performance over years of regular use. We've rigorously tested our systems to enhance your experience.

- 1. Turn up the heat:** From locker rooms to locked cars, we test Inspiron laptops for survival in harsh short-term heat conditions of up to 65°C/149°F.
- 2. Everything hinges on it:** We test Inspiron laptop hinges to ensure they still feel tight, even after opening and closing the lid 20,000 times.
- 3. Keys to success:** We test commonly used keys for 10 million keystrokes and touch pad buttons 1 million times with no failure. So go ahead, finish your novel.
- 4. Buttoned-up:** No matter what you set your power and multimedia buttons to do, we've tested them all to survive up to 40,000 pushes.
- 5. Twist and turn:** Call us excessive, but after twisting an Inspiron laptop's base and lid more than 25,000 times, we can assure you the parts inside are well protected
- 6. In for the long haul:** Systems undergo at least 10,000 hours of highly accelerated life testing to ensure they're ready for the real world.



# Vostro software

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## Dell Mobile Connect

Complete and wireless integration between smartphones and PCs - allowing Android and iOS users to make calls, send texts, get notifications, and mirror their phone onto their PC screens to interact with all of their favorite mobile apps with their PC's mouse, keyboard, and touchscreen.

## McAfee Small Business Security 30 day trial

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.

## Microsoft Office 365 Trial

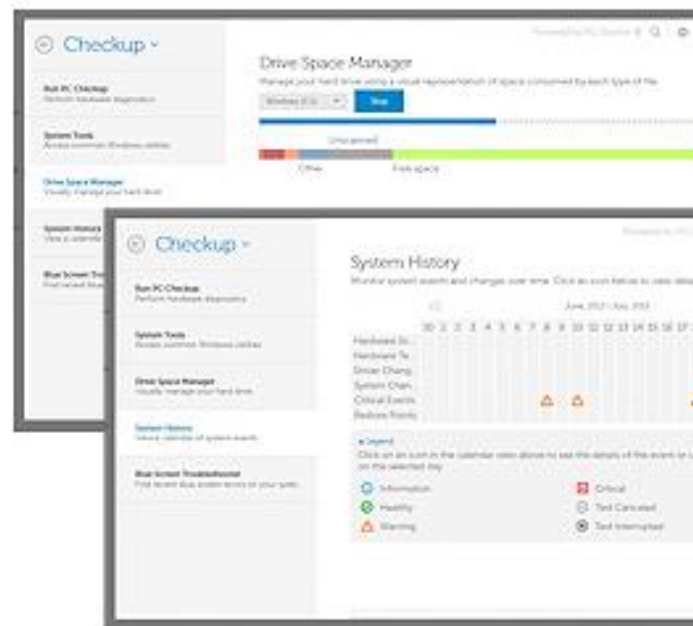
Fully loaded with the latest and greatest versions of favorite applications: Word, Excel, PowerPoint, and OneNote.

## Waves MaxxAudio® Pro

Professional-grade control panel providing audio controls and tuning that adds dimensionality to music and videos.

## SmartByte

New and improved SmartByte software ensures video-conferencing applications receive network bandwidth priority over other bandwidth-consuming applications so you're getting the best clarity on your business calls. The best part is your new Vostro and Inspiron PCs communicate with one another, enabling clear video-presentations even when several of your office computers are using bandwidth to run updates or download files.



# Services for Vostro

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We keep you connected and productive, providing peace of mind so you can focus on what matters most. Support services are available around the globe with coverage in over 160 countries and 55 languages. Our ProSupport engineers are available 24x7 to help with hardware and software issues. In the event of spills, drops or surges, Accidental Damage Service makes repair or replacement easy. Dell strives to ensure our customers always get the most out of their technology investments.

## Dell Base Warranty<sup>1</sup>

With Dell's Base Warranty, if your system encounters an issue covered by the warranty that cannot be resolved remotely, Dell will provide a convenient way to return your system to a Dell certified repair facility and return the repaired device. Your system comes with 1 year base warranty with the option to add on-site repair and to extend the warranty for up to 4 years to ensure easy support for the life of your PC.

## ProSupport

ProSupport for PCs is designed to provide fast, proactive IT support for businesses of all sizes. ProSupport makes it easy because you get a team of engineers who are always accessible, provide you with a single source for hardware and software<sup>4</sup> issues, and respond quickly to help maximize user uptime. ProSupport also features SupportAssist technology for proactive monitoring and resolution of issues and automatic case creation for faster time to productivity<sup>2</sup>. ProSupport frees your IT team from time-consuming day-to-day user support, allowing them to focus on strategic priorities that move your business forward.

## ProSupport Plus for PCs

The only complete support service that combines predictive analysis and protection for PCs to proactively resolve and prevent issues with minimal customer effort. With ProSupport Plus using SupportAssist technology you will be notified about issues before they become problems, virtually eliminating unplanned downtime due to hard drive issues<sup>6</sup>. It ensures PCs are running smoothly so customers can focus on what's important.

ProSupport and ProSupport Plus with SupportAssist significantly reduced time to resolve a failed hard drive<sup>3</sup> with:

- Up to 92% less time to resolution (11x faster than the competition)
- Up to 68% fewer steps in the support process (13 fewer steps to resolution)

## Accidental Damage Service<sup>5</sup>

Coverage for accidental drops, spills, surges and breakages. Accidental Damage Service provides peace of mind for hardware systems in high-risk usage environments like schools and mobile professionals. Convenient repair of damaged systems helps minimize downtime and increase productivity. Accidental Damage Service can provide repair of your system for accidents up to 4 years, not otherwise covered by the Limited Hardware Warranty. By providing enhanced coverage at an exceptional value, Accidental Damage Service helps reduce out of pocket expenses and improve cost control.

1 - 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](http://dell.com/servicecontracts)

2 - SupportAssist not available on Linux, Windows 10S, Windows RT, Windows 10 CMIT Government Edition, Android, Ubuntu or Chrome based products. SupportAssist automatically detects and proactively alerts Dell to: operating system issues, software upgrades, driver updates and patches, malware, virus infected files, failures of hard drives, batteries, memory, internal cables, thermal sensors, heat sinks, fans, solid state drives and video cards. Predictive analysis failure detection includes hard drives, solid state drives and batteries.

3 - Based on a Principled Technologies test report, "Spend Less Time and Effort Troubleshooting Laptop Hardware Failures" dated April 2018. Testing commissioned by Dell, conducted in the United States. Actual results will vary. Full report: <http://facts.pt/L52XKM>

4 - For the IoT Edge Gateway, excludes certain software, OS and third party apps.

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](http://www.dell.com/servicecontracts).

6 - Based on a Principled Technologies test report, "Dell ProSupport Plus with SupportAssist warns you about hardware issues so you can fix them before they cause downtime" dated April 2019. Testing commissioned by Dell, conducted in the United States. Actual results will vary. Full report: <http://facts.pt/0xvze8>. Hardware issues detected by SupportAssist include hard drives, solid state drives, batteries and fans.



# 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.

**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](http://www.dell.com/warranty).

**Dell ProSupport™:** Availability and terms of Dell Services vary by region. For more information, visit [www.dell.com/servicedescriptions](http://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](http://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](http://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](http://www.dell.com/servicecontracts)

\*EPEAT registration varies by country. Please see [www.epeat.net](http://www.epeat.net) for specific country registration and rating.

## 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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