

# Vostro 7620

*Elevate your business*



# Vostro

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.



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*Elevate your business*



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# Vostro 7620

Elevate your business.

Exceed expectations with our premier 16-inch small business laptop. With 12th Gen Intel® Core™ H-Series processors, DDR5 memory & optional NVIDIA® RTX discrete graphics.

*Dual Mic, Quad Speakers, & Background Noise Reduction*

Hear and be heard with clarity

*New FHD camera*

Equipped with Wide Dynamic Range and Temporal Noise Reduction and mechanical privacy shutter

*4 sided narrow borders with DC Dimming and Dell ComfortView*

Enjoy a comfortable front of screen experience with technology that helps reduce flicker and harmful blue light emissions

*16:10 aspect ratio*

More screen space to get things done.

*Optional NVIDIA® RTX Graphics*

Give graphics a boost

*Military tested (MIL-810H)*

Ready to handle the day-to-day wear and tear.

*Full size, backlit spill resistant keyboard*

Added peace of mind.

*Hardware TPM 2.0*

A commercial-grade security chip

**Intel EVO**

Intel® Evo™ platform, available on select configurations, brings the perfect combination of performance, responsiveness, battery life and stunning visuals to a new class of sleek, stylish laptops. Co-engineered with Intel and verified to provide the ultimate experience for life or work anywhere.



# Vostro 7620

Packed with speed. Loaded with power.

Handle heavier workloads, edit videos with ease and run demanding apps faster with the dynamic trifecta of 12th Gen Intel® Core™ H-Series Processors, optional NVIDIA® RTX™ graphics and up to 40GB of 4800MHz DDR5 memory. Plus, power through your day with confidence, thanks to ExpressCharge Boost\* capabilities that enable up to an 80% charge in one hour or up to a 35% charge in 20 minutes.



## Stay cool

A robust thermal management system unleashes the power of your device while also preserving its thin design. Your laptop employs two fans and three heat pipes, as well as four vents for optimal heat dispersion. And, adaptive thermals optimize power according to your device's location, whether it's on a stable surface like a desk or an unstable surface like your lap. Using

advanced algorithms and accelerometers, your device intelligently adapts its power and thermal profiles to the situation to keep your device running smoothly.

## Built for peace of mind

Our new 3-piece aluminum, 16-inch laptop is sleek and passed 15 military standard (MIL-810H) tests\*\* for a premium look that

doesn't sacrifice durability. With MIL-810 certified hardware, you can trust that your small business laptop can handle your day-to-day travel and workload. It's designed with a full-size, backlit, spill-resistant keyboard—complete with a numeric keypad that makes quick calculations simple. All of this enables you to work away without a worry.



*\*For ExpressCharge Boost functionality, a 90W AC adapter is required on configs with the 56Whr battery, and a 130W AC adapter is required on configs with the 86Whr battery. ExpressCharge must be enabled within Dell Power Manager software. System must be powered off or in hibernation mode for ExpressCharge feature to function. After charging has reached the stated capacity, charging speed will return to normal speed. Recommended for use with the provided Dell power adapter; not recommended with a smaller capacity power adapter. Charging times may vary.*

*\*\*Based on testing by SGS Reliability Laboratory, February 2022. Actual results may vary; testing results do not guarantee performance under test conditions. Dell does not represent that this product meets United States Department of Defense requirements for military use.*

# Vostro 7620

Designed for productivity



## *Focused front of screen experience*

A 4-sided narrow border ensures there's less to distract you from the task at hand. The 16:10 aspect ratio set in a 16-inch display gives you more screen space to manage every aspect of your business, while DC Dimming reduces flicker for a comfortable viewing experience. In addition, this TÜV Rheinland certified\* laptop features Dell ComfortView, which helps to reduce harmful blue light emissions and optimize eye comfort.

## *Upgraded display options*

Alternatively, enjoy an even better front of screen experience when you opt for either an FHD+, 300 nit panel or a 3K, 300 nit panel, both with Dell ComfortView Plus. Dell ComfortView Plus is a certified TÜV Rheinland\*\* Low Blue Light Hardware solution that reduces harmful blue light emissions without sacrificing color quality.

## *Seamless connectivity*

In addition, with up to WiFi6e, you now get even greater network reliability and flexibility, which means faster downloads, easier sharing and smoother streaming.

\*Global (except China): TUV Certified (ID#1111249645 - Low Blue Light Content). For more details, visit [www.tuv.com](http://www.tuv.com)

\*China only: TUV Certified (ID#0000081966- Low Blue Light Content). For more details, visit [www.tuv.com](http://www.tuv.com)

\*\*Global (except China): TUV Certified (ID#1111249647 - Low Blue Light Content). For more details, visit [www.tuv.com](http://www.tuv.com)

\*\*China only: TUV Certified (ID# 0000082037 - Low Blue Light Content). For more details, visit [www.tuv.com](http://www.tuv.com)

# Vostro 7620

## Conference with clarity

Sound as clear as a phone call with a built-in dual mic and AI that reduces background noise. When you're on camera, a new FHD webcam with Wide Dynamic Range and Temporal Noise Reduction helps you to look and sound your best. And, the Waves Maxx Audio tuned quad speakers and dual microphones optimize audio so you can hear and be heard with clarity, while SmartByte prioritizes video traffic for a smoother conferencing experience. You can forget about accidental embarrassments too since a mechanical shutter on the camera keeps your privacy protected.



### *Dimensions & Weight*

1. Height: 0.67" - 0.75" (16.95mm - 18.99mm)
2. Width: 14.05" (356.78 mm)
3. Depth: 9.92" (251.9mm)
4. Starting Weight: 4.46 lbs. (2.02kg)\*

*\*Weights vary depending on configurations and manufacturing variability.*



# Vostro 7620

## Stay Secure.

The Trusted Platform Module 2.0\* is a commercial-grade security chip installed on the motherboard that creates and stores passwords and encryption keys. It verifies that the computer has not been tampered with before booting up and protects your data against external software attacks.

Meanwhile, the optional fingerprint reader with Windows Hello allows you to easily and securely log in with just one touch. For added protection, a wedge-shaped lock slot provides an extra layer of security.

*\*Not available in China.*



## Ports & Slots

1. Headset Jack\*
2. USB 3.2 Gen 1 Type-A
3. RJ-45
4. SD Card Reader
5. Wedge-Shaped Lock Slot
6. Power Jack
7. HDMI 2.0
8. USB 3.2 Gen 1 Type-A
9. Intel Thunderbolt 4.0



*\*3.5mm Audio Jack functionality varies by model configuration. For best results, use Dell recommended audio accessories*

# Vostro 7620

## Essential accessories for your Vostro 7620

Maximize the versatility and performance of your Vostro 5625 with Dell recommended accessories to keep you connected in any room.



**Dell 27 USB-C Hub Monitor - P2722HE**

Stay productive, no matter where you work. Reduce harmful blue light with this sleek 27-inch FHD hub monitor with Comfort View Plus.



**Dell USB-C Mobile Adapter - DA310**

Small and portable 7-in-1 USB-C mobile adapter provides superb video and data connectivity and supports up to 90W power pass-through.



**Dell Pro Wireless Headset - WL5022**

Enjoy wireless freedom away from your PC with this Teams certified headset that offers convenient call controls. Switch seamlessly to your smartphone and enjoy crystal clear audio on the go.



**Dell Thunderbolt 4 Dock - WD22TB4**

Boost your PC's power on the world's first modular Thunderbolt™ 4 dock with a future-ready design\*.

*\*World's first modular Thunderbolt™ 4 dock - based on Dell analysis, Nov 2021*



**Dell EcoLoop Urban Backpack (Gray) - CP4523G**

Designed for organization and comfort, the Dell EcoLoop Urban Backpack (CP4523G) is made of eco-friendly material and easily complements any lifestyle.

# Vostro 7620

FEATURE	TECHNICAL SPECIFICATION	FEATURE	TECHNICAL SPECIFICATION
<i>Model Number</i>	Vostro 7620	<i>Input</i>	Backlit, full-size, spill-resistant keyboard with numeric keypad Multi-touch gesture-enabled precision touchpad with integrated scrolling
<i>Processor Options</i>	12th Generation Intel® Core™ i5-12500H (18MB Cache, up to 4.5 GHz, 12 cores) 12th Generation Intel® Core™ i7-12700H (24MB Cache, up to 4.7 GHz, 14 cores)	<i>Optical Drive Options</i>	No Optical Drive
<i>Operating System*</i>	Windows® 11	<i>Multimedia</i>	(4) tuned speakers, audio processing by Waves MaxxAudio® Pro (1) Headset jack Integrated Widescreen FHD (1080p) Webcam with Dual Digital Microphone Array with Temporal Noise Reduction enabled
<i>Graphics</i>	Intel® UHD Graphics with shared graphics memory - for single channel memory & i5 only Intel® Iris® Xe Graphics with shared graphics - for dual channel memory & i5 only NVIDIA® GeForce® RTX 3050 with 4GB GDDR6 graphics memory NVIDIA® GeForce® RTX 3050 Ti with 4GB GDDR6 graphics memory	<i>Connectivity Options</i>	Intel® Wi-Fi 6 AX201 (Gig+) Intel® Wi-Fi 6E AX211 (Gig+)
<i>Display</i>	16.0-inch 16:10 3K (3072 x 1920) Anti-Glare Non-Touch 300nits WVA Display with ComfortView Plus Support 16.0-inch 16:10 FHD+ (1920 x 1200) Anti-Glare Non-Touch 300nits WVA Display with ComfortView Plus Support 16.0-inch 16:10 FHD+ (1920 x 1200) Anti-Glare Non-Touch 250nits WVA Display with ComfortView Support	<i>Battery Options*</i>	3-Cell Battery, 56 Whr (Integrated) 6-Cell Battery, 86 Whr (Integrated)
<i>Memory Options*</i>	8GB, on-board, DDR5, 4800MHz 16GB, 8GB on-board+8GB 1 DIMM, DDR5, 4800MHz 24GB, 8GB on-board+16GB 1 DIMM, DDR5, 4800MHz 40GB, 8GB on-board+32GB 1 DIMM, DDR5, 4800MHz	<i>AC Adapter</i>	130 Watt AC Adapter
<i>Storage Options*</i>	256GB/512GB/1TB/2TB M.2 PCIe NVMe Solid State Drive	<i>Dimensions &amp; Weight*</i>	H/W/D: 0.67" - 0.75" x 14.05" x 9.92" (16.95mm - 18.99mm x 356.78 mm x 251.9mm) Starting Weight: 2.02kg
<i>Ports, Slots &amp; Chassis</i>	HDMI 2.0, (1) Intel Thunderbolt 4.0, (2) USB 3.2 Gen 1 Type-A, SD card reader, (1) Headset Jack*, Gigabit Ethernet RJ-45, Wedge-Shaped Lock Slot <i>*3.5mm Audio Jack functionality varies by model configuration. For best results, use Dell recommended audio accessories</i>	<i>Color</i>	Black
		<i>Security</i>	Fingerprint Reader with Windows Hello (Optional) Hardware TPM 2.0 (not available in China) Webcam Privacy Shutter
		<i>Software</i>	Dell CinemaColor, Dell Update, Excalibur, McAfee, My Dell, SmartByte, Support Assist
		<i>Peripheral Ecosystem</i>	Dell 27 USB-C Hub Monitor - P2722HE Dell USB-C Mobile Adapter - DA310 Dell EcoLoop Urban Backpack (Gray) – CP4523G Dell Pro Wireless Headset - WL5022 Dell Thunderbolt 4 Dock - WD22TB4
		<i>Regulatory and Environmental Compliance</i>	Energy Star 8.0 (Windows OS only)

**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.

# Vostro 7620

## Weight Claim

### **Vostro 7620**

The Vostro 7620 starting weight\* is **4.46lb (2.023 kg)** when equipped with 12th Generation Intel® Core™ i7-12700H (24MB Cache, up to 4.7 GHz, 14 cores) Processor with 24 GB DDR5 system memory, NVIDIA RTX 3050 Ti Graphics, 1TB CL35 M.2 SSD, 16.0-inch FHD display and 3 cell, 56 Whr battery.

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

# Vostro 7620

## Claims

### **Environmental Compliance**

- ENERGY STAR® 8.0 certified
- Certified by EPEAT Silver\*

*\*EPEAT Silver registered in the U.S. EPEAT registration varies by country and configuration. See [www.epeat.net](http://www.epeat.net) for registration status by country.*

### **Reliability claims**

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

Every Vostro is mindfully designed to assure 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 Vostro laptops for survival in harsh short-term heat conditions of up to 65°C/149°F.
2. Everything hinges on it: We test Vostro 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 a Vostro laptop's base and lid more than 500 times \*4 (Test 2 edge and 2 corner) , we can assure you the parts inside are well protected
6. The webcam privacy shutter prevents people from seeing you when the webcam isn't in use and we ensure its reliability by opening and closing the shutter 2100 times.



# Vostro 7620

## Claims

### **Dell Comfort View TÜV Rheinland Certification (software LBL solution)**

This TÜV Rheinland certified\* laptop with Dell ComfortView software technology helps reduce harmful blue light emissions to make extended screen time easy on your eyes.

*\*Global (except China): TUV Certified (ID#1111249645 - Low Blue Light Content). For more details, visit [www.tuv.com](http://www.tuv.com)*

*\*\*China only: TUV Certified (ID#0000081966- Low Blue Light Content). For more details, visit [www.tuv.com](http://www.tuv.com)*

### **Dell Comfort View Plus TÜV Rheinland Certification (hardware LBL solution)**

Offered on Vostro 7620, Dell ComfortView Plus FHD+ 300 nit display and 3K 300 nit display are TÜV Rheinland certified and include an always-on, built-in solution that helps reduce harmful blue light emission without sacrificing true-to-life colors.

*\*Global (except China): TUV Certified (ID#1111249647 - Low Blue Light Content). For more details, visit [www.tuv.com](http://www.tuv.com)*

*\*\*China only: TUV Certified (ID# 0000082037 - Low Blue Light Content). For more details, visit [www.tuv.com](http://www.tuv.com)*

### **Mil-810H Testing**

The Vostro 7620 passed 15 MIL-STD-810H tests.\*

*\*Based on testing by SGS Reliability Laboratory, February 2022. Actual results may vary; testing results do not guarantee performance under test conditions. Dell does not represent that this product meets United States Department of Defense requirements for military use.*

### **Thermal Designed Power (TDP) Claim**

- When performance mode is activated, Vostro 7620 supports up to 90W thermal capacity and up to 50W CPU thermal designed power (TDP) on configs with integrated graphics. With the latest version of Dell Power Manager installed, pressing the key combination of Fn + T will allow the user to switch the system power profile, enabling high-performance, regular operation, or cool-and-quiet modes.\*

*\*Based on Dell internal testing using Intel Thermal Analysis Tool (TAT) benchmark, April 2022. Actual results may vary.*

- When performance mode is activated, Vostro 7620 supports up to 90W thermal capacity and up to 60W GPU total graphics power (TGP) on configs with discrete graphics. With the latest version of Dell Power Manager installed, pressing the key combination of Fn + T will allow the user to switch the system power profile, enabling high-performance, regular operation, or cool-and-quiet modes.\*

*\*Based on Dell internal testing using Prime95 + Furmark benchmark testing, April 2022. Actual results may vary.*



# Vostro 7620

## Battery Life

Legal AD #PROJ-000459

Config	MobileMark 2018	HD video playback
12th Generation Intel® Core™ i7-12700H Processor, 8GB DDR5, 512GB SSD, FHD+ Non-Touch 250nits Display, Intel® UHD Graphics, NVIDIA® GeForce® RTX 3050 Graphics, 3-cell 56 Whr*	Up to 6 hours, 26 minutes <sup>1</sup>	Up to 9 hours, 44 minutes <sup>2</sup>
12th Generation Intel® Core™ i7-12700H Processor, 16GB DDR5, 512GB SSD, 3K Non-Touch 300nits Display, Intel® Iris Xe Graphics, NVIDIA® GeForce® RTX 3050 Graphics, 3-cell 56 Whr*	Up to 6 hours, 35 minutes <sup>3</sup>	Up to 7 hours, 0 minutes <sup>4</sup>
12th Generation Intel® Core™ i7-12700H Processor, 16GB DDR5, 512GB SSD, FHD+ Non-Touch 250nits Display, Intel® Iris Xe Graphics, NVIDIA® GeForce® RTX 3050 Graphics, 3-cell 56 Whr*	Up to 7 hours, 9 minutes <sup>5</sup>	Up to 10 hours, 50 minutes <sup>6</sup>
12th Generation Intel® Core™ i7-12700H Processor, 16GB DDR5, 512GB SSD, FHD+ Non-Touch 250nits Display, Intel® Iris Xe Graphics, NVIDIA® GeForce® RTX 3050 Ti Graphics, 3-cell 56 Whr*	Up to 6 hours, 59 minutes <sup>7</sup>	Up to 8 hours, 1 minute <sup>8</sup>
12th Generation Intel® Core™ i7-12700H Processor, 16GB DDR5, 1TB SSD, FHD+ Non-Touch 250nits Display, Intel® Iris Xe Graphics, NVIDIA® GeForce® RTX 3050 Ti Graphics, 3-cell 56 Whr*	Up to 6 hours, 46 minutes <sup>9</sup>	Up to 10 hours, 45 minutes <sup>10</sup>
12th Generation Intel® Core™ i7-12700H Processor, 24GB DDR5, 1TB SSD, FHD+ Non-Touch 250nits Display, Intel® Iris Xe Graphics, NVIDIA® GeForce® RTX 3050 Ti Graphics, 3-cell 56 Whr*	Up to 6 hours, 34 minutes <sup>11</sup>	Up to 10 hours, 29 minutes <sup>12</sup>
12th Generation Intel® Core™ i7-12700H Processor, 8GB DDR5, 256GB SSD, FHD+ Non-Touch 300nits Display, Intel® UHD Graphics, 3-cell 56 Whr*	Up to 8 hours, 36 minutes <sup>13</sup>	Up to 12 hours, 36 minutes <sup>14</sup>

**PLEASE NOTE:** The specific configuration tested must be available for sale in the region / country where this claim is made, otherwise that region / country cannot use this battery life claim because customer would not be able to configure their system to achieve the same result.

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



# Vostro 7620

## Battery Life

Legal AD #PROJ-000459

- 1. MobileMark 2018 battery benchmark: Vostro 7620** tested with 12th Generation Intel® Core™ i7-12700H Processor, 8GB DDR5, 512GB SSD, FHD+ Non-Touch 250nits Display, Intel® UHD Graphics, NVIDIA® GeForce® RTX 3050 Graphics, 3-cell 56 Whr\*. Based on testing using the Mobile Mark 2018 battery life benchmark test in February 2022. For more information about this benchmark test, visit [www.bapco.com](http://www.bapco.com). 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.
- 2. Local video playback battery benchmark: Vostro 7620** tested with 12th Generation Intel® Core™ i7-12700H Processor, 8GB DDR5, 512GB SSD, FHD+ Non-Touch 250nits Display, Intel® UHD Graphics, NVIDIA® GeForce® RTX 3050 Graphics, 3-cell 56 Whr\*. Testing conducted by Dell labs in in February 2022 using the Microsoft Movies & TV app. 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.
- 3. MobileMark 2018 battery benchmark: Vostro 7620** tested with 12th Generation Intel® Core™ i7-12700H Processor, 16GB DDR5, 512GB SSD, 3K Non-Touch 300nits Display, Intel® Iris Xe Graphics, NVIDIA® GeForce® RTX 3050 Graphics, 3-cell 56 Whr\*. Based on testing using the Mobile Mark 2018 battery life benchmark test in February 2022. For more information about this benchmark test, visit [www.bapco.com](http://www.bapco.com). 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.
- 4. Local video playback battery benchmark: Vostro 7620** tested with 12th Generation Intel® Core™ i7-12700H Processor, 16GB DDR5, 512GB SSD, 3K Non-Touch 300nits Display, Intel® Iris Xe Graphics, NVIDIA® GeForce® RTX 3050 Graphics, 3-cell 56 Whr\*. Testing conducted by Dell labs in in February 2022 using the Microsoft Movies & TV app. 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.
- 5. MobileMark 2018 battery benchmark: Vostro 7620** tested with 12th Generation Intel® Core™ i7-12700H Processor, 16GB DDR5, 512GB SSD, FHD+ Non-Touch 250nits Display, Intel® Iris Xe Graphics, NVIDIA® GeForce® RTX 3050 Graphics, 3-cell 56 Whr\*. Based on testing using the Mobile Mark 2018 battery life benchmark test in February 2022. For more information about this benchmark test, visit [www.bapco.com](http://www.bapco.com). 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.
- 6. Local video playback battery benchmark: Vostro 7620** tested with 12th Generation Intel® Core™ i7-12700H Processor, 16GB DDR5, 512GB SSD, FHD+ Non-Touch 250nits Display, Intel® Iris Xe Graphics, NVIDIA® GeForce® RTX 3050 Graphics, 3-cell 56 Whr\*. Testing conducted by Dell labs in in February 2022 using the Microsoft Movies & TV app. 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.
- 7. MobileMark 2018 battery benchmark: Vostro 7620** tested with 12th Generation Intel® Core™ i7-12700H Processor, 16GB DDR5, 512GB SSD, FHD+ Non-Touch 250nits Display, Intel® Iris Xe Graphics, NVIDIA® GeForce® RTX 3050 Ti Graphics, 3-cell 56 Whr\*. Based on testing using the Mobile Mark 2018 battery life benchmark test in February 2022. For more information about this benchmark test, visit [www.bapco.com](http://www.bapco.com). 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.
- 8. Local video playback battery benchmark: Vostro 7620** tested with 12th Generation Intel® Core™ i7-12700H Processor, 16GB DDR5, 512GB SSD, FHD+ Non-Touch 250nits Display, Intel® Iris Xe Graphics, NVIDIA® GeForce® RTX 3050 Ti Graphics, 3-cell 56 Whr\*. Testing conducted by Dell labs in in February 2022 using the Microsoft Movies & TV app. 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.

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



# Vostro 7620

## Battery Life

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9. **MobileMark 2018 battery benchmark: Vostro 7620** tested with 12th Generation Intel® Core™ i7-12700H Processor, 16GB DDR5, 1TB SSD, FHD+ Non-Touch 250nits Display, Intel® Iris Xe Graphics, NVIDIA® GeForce® RTX 3050 Ti Graphics, 3-cell 56 Whr\*. Based on testing using the Mobile Mark 2018 battery life benchmark test in February 2022. For more information about this benchmark test, visit [www.bapco.com](http://www.bapco.com). 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.
10. **Local video playback battery benchmark: Vostro 7620** tested with 12th Generation Intel® Core™ i7-12700H Processor, 16GB DDR5, 1TB SSD, FHD+ Non-Touch 250nits Display, Intel® Iris Xe Graphics, NVIDIA® GeForce® RTX 3050 Ti Graphics, 3-cell 56 Whr\*. Testing conducted by Dell labs in in February 2022 using the Microsoft Movies & TV app. 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.
11. **MobileMark 2018 battery benchmark: Vostro 7620** tested with 12th Generation Intel® Core™ i7-12700H Processor, 24GB DDR5, 1TB SSD, FHD+ Non-Touch 250nits Display, Intel® Iris Xe Graphics, NVIDIA® GeForce® RTX 3050 Ti Graphics, 3-cell 56 Whr\*. Based on testing using the Mobile Mark 2018 battery life benchmark test in February 2022. For more information about this benchmark test, visit [www.bapco.com](http://www.bapco.com). 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.
12. **Local video playback battery benchmark: Vostro 7620** tested with 12th Generation Intel® Core™ i7-12700H Processor, 24GB DDR5, 1TB SSD, FHD+ Non-Touch 250nits Display, Intel® Iris Xe Graphics, NVIDIA® GeForce® RTX 3050 Ti Graphics, 3-cell 56 Whr\*. Testing conducted by Dell labs in in February 2022 using the Microsoft Movies & TV app. 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.
13. **MobileMark 2018 battery benchmark: Vostro 7620** tested with 12th Generation Intel® Core™ i7-12700H Processor, 8GB DDR5, 256GB SSD, FHD+ Non-Touch 300nits Display, Intel® UHD Graphics, 3-cell 56 Whr\*. Based on testing using the Mobile Mark 2018 battery life benchmark test in February 2022. For more information about this benchmark test, visit [www.bapco.com](http://www.bapco.com). 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.
14. **Local video playback battery benchmark: Vostro 7620** tested with 12th Generation Intel® Core™ i7-12700H Processor, 8GB DDR5, 256GB SSD, FHD+ Non-Touch 300nits Display, Intel® UHD Graphics, 3-cell 56 Whr\*. Testing conducted by Dell labs in in February 2022 using the Microsoft Movies & TV app. 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.

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



# Vostro 7620

## ExpressCharge™ Claims

### **ExpressCharge™**

Vostro 7620 can charge from 0% up to 80% within 60 minutes if user selects ExpressCharge™ mode.\*

Vostro 7620 can charge from 0% up to 35% within 20 minutes with ExpressCharge Boost™ mode.\*\*

*\*ExpressCharge must be enabled within Dell Power Manager software. System must be powered off or in hibernation mode for ExpressCharge feature to function. After charging has reached the stated capacity, charging speed will return to normal speed. Recommended for use with the provided Dell power adapter; not recommended with a smaller capacity power adapter. Charging times may vary.*

*\*\*For ExpressCharge Boost functionality, a 90W AC adapter is required on configs with the 56Whr battery, and a 130W AC adapter is required on configs with the 86Whr battery. ExpressCharge must be enabled within Dell Power Manager software. System must be powered off or in hibernation mode for ExpressCharge feature to function. After charging has reached the stated capacity, charging speed will return to normal speed. Recommended for use with the provided Dell power adapter; not recommended with a smaller capacity power adapter. Charging times may vary.*



# Services for Vostro

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.

## Basic Hardware Service<sup>1</sup>

With Dell Basic Hardware Service, if your system encounters an issue covered by the support contract that cannot be resolved remotely, Dell will provide a convenient way to return your system to a Dell certified repair facility for repair and the return of the repaired device. Your system comes with 1 year Basic Hardware Service with the option to add Onsite Service after Remote Diagnosis<sup>1</sup> and/or 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>2</sup> issues, and respond quickly to help maximize user uptime. ProSupport also features AI-driven technology for proactive monitoring and resolution of issues and automatic case creation for faster time to productivity<sup>3</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, while keeping your end-users happy and productive.

## ProSupport Plus for PCs

The most complete support service that combines predictive analysis and protection for PCs to proactively resolve and prevent issues with minimal customer effort. With ProSupport Plus you will be notified about issues before they become problems, virtually eliminating unplanned downtime due to hard drive issues<sup>4</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>5</sup> with:

- Up to 84% less time to resolution (6x faster than the competition)
- Up to 73% fewer steps in the support process (16 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 home offices, schools and mobile professionals. Convenient repair or replacement 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 improves cost control.

1 - Onsite Service after Remote Diagnosis: Remote Diagnosis is determined by an online/phone technician for 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. Availability varies. Other conditions may apply. For complete details about Onsite Service, see [dell.com/servicecontracts](http://dell.com/servicecontracts).

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

3 - 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.

4 - Based on a Principled Technologies test report, "Dell ProSupport Plus 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.

5 - 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>

6 - 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).



# Important Information

**Hard Drives:** Hard Drive capacity varies with preloaded material and will be less.

**Graphics & shared memory:** System memory may be used to support graphics, depending on system memory size and other factors.

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

**Limited hardware warranty:** Limited Hardware Warranty is available by writing: Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or See [dell.com/warranty](https://dell.com/warranty).

**Dell ProSupport™:** Dell ProSupport availability and terms vary by region and product. See [dell.com/servicecontracts/global](https://dell.com/servicecontracts/global).

**Accidental Damage:** Accidental Damage Service excludes theft, loss, and damage due to fire, flood or other acts of nature, or intentional damage. Customer must return damaged unit. Limit of 1 qualified incident per contract year. See [dell.com/servicecontracts](https://dell.com/servicecontracts).

**Mail-In Service for Repair after Remote Diagnosis:** Mail-In Service after 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 the issue is covered by Limited Hardware Warranty and not resolved remotely, shipping instructions will be provided. Availability varies. See [dell.com/servicecontracts](https://dell.com/servicecontracts).

**Rapid Return for Repair after Remote Diagnosis:** Rapid Return for Repair after Remote Diagnosis is determination by online/phone technician of cause of issue, which may take multiple extended sessions. If issue is covered by Limited Hardware 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. See [Terms and Conditions](#).

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

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