Dell Vostro Notebook 14 15 3000
Model 3490 3590

Reviewer's Guide – August 2019

Vostro 14 3000 (3490)
Features & Technical Specifications

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Feature	Technical Specification
Model Number	Model# 3490
Processor Options	10th Generation Intel® Core™ i3-10110U Processor (4MB Cache, up to 4.1 GHz) 10th Generation Intel® Core™ i5-10210U Processor (6MB Cache, up to 4.2 GHz) 10th Generation Intel® Core™ i7-10510U Processor (8MB Cache, up to 4.9 GHz)
Operating System*	Windows® 10 Ubuntu
Graphics	Intel® UHD Graphics with shared graphics memory AMD Radeon™ 610 Graphics with 2G GDDR5 graphics memory
Display	14.0-inch HD (1366 x 768) Anti-Glare LED-Backlit Non-touch Display 14.0-inch FHD (1920 x 1080) Anti-Glare LED Backlit Non-touch IPS Display
Memory Options*	4GB, 4Gx1, DDR4, 2666MHz 8GB, 4Gx2, DDR4, 2666MHz 8GB, 8Gx1, DDR4, 2666MHz 12GB, 8Gx1 + 4Gx1, DDR4, 2666MHz 16GB, 8Gx2, DDR4, 2666MHz 16GB, 16Gx1, DDR4, 2666MHz 20GB Memory: 4GB, 4Gx1, DDR4 2666MHz DRAM + 16GB Intel® Optane™ Memory 24GB Memory: 8GB, 8Gx1, DDR4 2666MHz DRAM + 16GB Intel® Optane™ Memory 32GB Memory: 16GB, 16Gx1, DDR4 2666MHz DRAM + 16GB Intel® Optane™ Memory
Storage Options*	500GB/1T/2T 5400 rpm 2.5" SATA Hard Drive 500GB/1T 7200 rpm 2.5" SATA Hard Drive 128GB/256GB/512GB m.2 PCIe Solid State Drive Dual drive config with up to 2TB 5400 rpm Hard Drive + up to 256GB SSD
Ports, Slots & Chassis	USB 3.1 Gen 1 (x2), USB2.0 (x1), HDMI 1.4b SD Media Card Reader (SD, SDHC, SDXC), VGA, RJ45 - 10/100/1000Mbps GbE
Input	Standard full size spill-resistant keyboard Multi-touch gesture-enabled precision touchpad with integrated scrolling
Optical Drive	No Optical Drive

Feature	Technical Specification
Multimedia	2 tuned speakers with Waves MaxxAudio® Pro 1 combo headphone / microphone jack Integrated widescreen HD (720p) Webcam with Single Digital Microphone
Connectivity Options	802.11bgn 1x1 WiFi & BT 4.0 802.11ac 1x1 WiFi & BT 4.1 802.11ac 2x2 WiFi & BT 4.1 802.11ac 2x2 WiFi & BT 5.0 802.11ac 1x1 WiFi & BT 5.0
Battery Options*	3-Cell 42WHr Battery (Integrated) 3-Cell 33WHr Battery (Integrated)
AC Adapter	45 Watt AC Adaptor 65 Watt AC Adaptor
Dimensions & Weight*	Height: 19.9mm / Width: 339.0mm / Depth: 241.9mm / Starting Weight: 1.68kg (3.70lb)
Color	Black & Ice Gray
Security	FingerPrint Reader with Windows Hello (Optional) Wedge-shaped lock slot Hardware based security - TPM 2.0
Software	My Dell Dell Mobile Connect Waves MaxxAudio® Pro
Peripheral Ecosystem	Dell 23 Monitor – S2319H Dell Urban 2.0 Backpack 15 Dell Wireless Mouse WM126 Dell External USB Slim DVD+/=RW Optical Drive DW316 Dell Power Companion PW 7015L Dell Pro Stereo Headset UC150
Regulatory and Environmental Compliance	ENERGY STAR 7.1 EPEAT Bronze. For specific country participation and rating, please see www.epeat.net

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. 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.

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Operating System*	Windows® 10 Ubuntu	Battery Options*	3-Cell 42WHr Battery (Integrated) 3-Cell 33WHr Battery (Integrated)
Graphics	Intel® UHD Graphics with shared graphics memory AMD Radeon™ 610 Graphics with 2G GDDR5 graphics memory	AC Adapter	45 Watt AC Adaptor 65 Watt AC Adaptor
Display	15.6-inch HD (1366 x 768) Anti-Glare LED-Backlit Non-touch Display 15.6-inch FHD (1920 x 1080) Anti-Glare LED-Backlit Non-touch Display	Dimensions & Weight with ODD	Height: 20.7mm / Width: 380.0mm / Depth: 258.0mm / Starting Weight: 2.17kg (4.79lb)
Memory Options*	4GB, 4Gx1, DDR4, 2666MHz 8GB, 4Gx2, DDR4, 2666MHz 8GB, 8Gx1, DDR4, 2666MHz 12GB, 8Gx1 + 4Gx1, DDR4, 2666MHz 16GB, 8Gx2, DDR4, 2666MHz 16GB, 16Gx1, DDR4, 2666MHz 20GB Memory: 4GB, 4Gx1, DDR4 2666MHz DRAM + 16GB Intel® Optane™ Memory 24GB Memory: 8GB, 8Gx1, DDR4 2666MHz DRAM + 16GB Intel® Optane™ Memory 32GB Memory: 16GB, 16Gx1, DDR4 2666MHz DRAM + 16GB Intel® Optane™ Memory	Dimensions & Weight without ODD	Height: 19.9mm / Width: 380.0mm / Depth: 258.0mm / Starting Weight: 1.99kg (4.39lb)
		Color	Black & Ice Gray
		Security	FingerPrint Reader with Windows Hello (Optional) Wedge-shaped lock slot Hardware based security - TPM 2.0
		Software	My Dell Dell Mobile Connect Waves MaxxAudio® Pro
Storage Options*	500GB/1T/2T 5400 rpm 2.5" SATA Hard Drive 500GB/1T 7200 rpm 2.5" SATA Hard Drive 128GB/256GB/512GB m.2 PCIe Solid State Drive Dual drive config with up to 2TB 5400 rpm Hard Drive + up to 256GB SSD	Peripheral Ecosystem	Dell 23 Monitor – S2319H Dell Urban 2.0 Backpack 15 Dell Wireless Mouse WM126 Dell Power Companion PW 7015L Dell Pro Stereo Headset UC150
Ports, Slots & Chassis	USB 3.1 Gen 1 (x2), USB2.0 (x1), HDMI 1.4b Optional Micro SD Media Card Reader (SD, SDHC, SDXC), Optional SD Media Card Reader (SD, SDHC, SDXC), Optional VGA, RJ45 - 10/100/1000Mbps GbE	Regulatory and Environmental Compliance	ENERGY STAR 7.1 EPEAT Bronze. For specific country participation and rating, please see www.epeat.net
Input	Standard full size spill-resistant keyboard Multi-touch gesture-enabled precision touchpad with integrated scrolling 10-key numeric keypad		
Optical Drive	Optional built-in DVD-RW		

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

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 breaks, Accidental Damage Service makes repair easy. Dell strives to ensure our customers always get the most out of their technology investments.

Dell Base Warranty[1]

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 client devices 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[4] issues, and respond quickly to help maximize user uptime. ProSupport also features SupportAssist technology for proactive monitoring and detection of issues and automatic case creation for faster resolution[2]. 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 and tablets

The only complete support service that combines predictive analysis and protection for tablets and 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. It ensures PCs and tablets are running smoothly so customers can focus on what's important.

ProSupport Plus with SupportAssist significantly reduced time to resolve a failed hard drive[3] with:

- Up to 92% less time to resolution

- Up to 68% fewer steps in the support process (13 fewer steps to resolution)

Accidental Damage Service[5]

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

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

4

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

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

Weight: Weights vary depending on configuration and manufacturing variability.

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

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

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

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

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

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

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.