

Vostro 14 5000 (5490)

Features & Technical Specifications

Feature	Technical Specification	Feature	Technical Specification
Model Number	Model# 5490	Keyboard	Standard full size spill-resistant keyboard Optional backlit, Standard full size spill-resistant keyboard Multi-touch gesture-enabled precision touchpad with integrated scrolling
Processor Options	10th Generation Intel® Core™ i3-10110U Processor (4MB Cache, up to 4.1 GHz) – N/A for Brazil 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)	Ports	2 USB 3.1 Gen 1 1 USB 2.0 1 USB 3.1 Gen 1 Type-C™ (DP/PowerDelivery) 1 HDMI v1.4b 1 Ethernet RJ45 1 3.5mm Headphone/Microphone combination jack 1 Power (4.5mm barrel)
Operating System	Windows® 10 Ubuntu (selected countries)	Optical Drive Options	No Optical Drive
Memory Options	4GB, onboard, DDR4, 2666MHz 8GB, onboard, DDR4, 2666MHz 8GB (4Gx1 + 4G onboard), DDR4, 2666MHz 12GB (8Gx1 + 4G onboard), DDR4, 2666MHz 12GB (4Gx1 + 8G onboard), DDR4, 2666MHz 16GB (8Gx1 + 8G onboard), DDR4, 2666MHz 20GB (16G x1 + 4G onboard), DDR4, 2666MHz 24GB (16Gx1 + 8G onboard), DDR4, 2666MHz 4GB, 4Gx1, DDR4, 2666MHz – Brazil only 8GB, 8Gx1, DDR4, 2666MHz – Brazil only 16GB, 16Gx1, DDR4, 2666MHz – Brazil only	Slots	1 Micro SD Media Card Reader (SD, SDHC, SDXC)
Hard Drive	128GB/256GB/512GB/1TB M.2 PCIe NVMe Solid State Drive 128GB M.2 PCIe NVMe Solid State Drive + 1TB 5400 rpm 2.5" SATA Hard Drive 128GB M.2 PCIe NVMe Solid State Drive + 2TB 5400 rpm 2.5" SATA Hard Drive 256GB M.2 PCIe NVMe Solid State Drive + 1TB 5400 rpm 2.5" SATA Hard Drive 256GB M.2 PCIe NVMe Solid State Drive + 2TB 5400 rpm 2.5" SATA Hard Drive Intel Optane Memory H10 32GB with 512GB Solid State Storage	Dimensions & Weight*	H/W/D: 17.9 x 321.8 x 227.7 mm / 0.7" x 12.7" x 8.96" *Starting Weight: 1.49kg (3.27lb)
Video Card	Intel® UHD Graphics with shared graphics memory NVIDIA® GeForce® MX230 Graphics with 2GB GDDR5 vRAM NVIDIA® GeForce® MX250 Graphics with 2GB GDDR5 vRAM	Audio and Speakers	Stereo Speakers with Waves MaxxAudio® Pro tuning Integrated Dual Array Microphones 3.5mm Headphone/Microphone combination jack
Display*	14.0-inch FHD (1920 x 1080) Anti-glare LED Backlight Non-touch Narrow Border WVA Display	Chassis	Aluminum and plastic Precision Touchpad Integrated Widescreen HD (720p) Webcam with Dual Digital Microphone Array
Colors	Urban Gray Ice Gray	Wireless	802.11ac, Bluetooth, 2x2 802.11ac, Bluetooth, 1x1
Productivity Software	Dell Mobile Connect	Primary Battery	3-Cell Battery, 42 Whr (Integrated)
Security	McAfee Small Business Security (30-day/1yr) Windows Hello Hardware TPM 2.0 (not available in China) Fingerprint Reader integrated into power key (optional) Wedge Shaped Lock Slot	Regulatory	Energy Star 7.1 (Not available on configurations with Ubuntu)
Warranty	1 year limited hardware warranty Additional warranty and support available for purchase	AC Adapter	45 Watt AC Adapter 65 Watt AC Adapter India 100% tie with 65Watt AC Adaptor
Accidental Damage Services	Available for purchase	Additional Software	My Dell: Dell Product Registration + Dell Help and Support, SupportAssist for PCs, Dell Recovery Environment, Dell Power Manager, Dell Update, SmartByte, Waves MaxxAudio® Pro
		Peripheral Ecosystem	Dell Pro Briefcase 15 (PO1520C); Dell Portable SSD, USB-C 250GB; Dell 22 Monitor (E2218HN); Dell Adapter – USB-C to HDMI/VGA/Ethernet/USB 3.0 (DA200); Dell Wireless Keyboard and Mouse Combo (KM636)
		Docking Options	Dell Universal Dock (D6000)



All specifications are subject to regional assortment and availability.
*Weights vary depending on configuration and manufacturing variability

Vostro 15 5000 (5590)

Features & Technical Specifications

Feature	Technical Specification	Feature	Technical Specification
Model Number	Model# 5590	Keyboard	Standard full size spill-resistant keyboard with numeric keypad Optional backlit, Standard full size spill-resistant keyboard with numeric keypad Multi-touch gesture-enabled precision touchpad with integrated scrolling
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)	Ports	2 USB 3.1 Gen 1 1 USB 2.0 Type-A 1 USB 3.1 Gen 1 Type-C™ (DP/PowerDelivery) 1 HDMI v1.4b 1 Ethernet RJ45 1 3.5mm Headphone/Microphone combination jack 1 Power (4.5mm barrel)
Operating System	Windows® 10 Ubuntu (selected countries)	Optical Drive Options	No Optical Drive
Memory Options	4GB, onboard, DDR4, 2666MHz 8GB, onboard, DDR4, 2666MHz 8GB (4Gx1 + 4G onboard), DDR4, 2666MHz 12GB (8Gx1 + 4G onboard), DDR4, 2666MHz 12GB (4Gx1 + 8G onboard), DDR4, 2666MHz 16GB (8Gx1 + 8G onboard), DDR4, 2666MHz 20GB (16G x1 + 4G onboard), DDR4, 2666MHz 24GB (16Gx1 + 8G onboard), DDR4, 2666MHz	Slots	1 Micro SD Media Card Reader (SD, SDHC, SDXC)
Hard Drive	128GB/256GB/512GB/1TB M.2 PCIe NVMe Solid State Drive 128GB M.2 PCIe NVMe Solid State Drive + 1TB 5400 rpm 2.5" SATA Hard Drive 128GB M.2 PCIe NVMe Solid State Drive + 2TB 5400 rpm 2.5" SATA Hard Drive 256GB M.2 PCIe NVMe Solid State Drive + 1TB 5400 rpm 2.5" SATA Hard Drive 256GB M.2 PCIe NVMe Solid State Drive + 2TB 5400 rpm 2.5" SATA Hard Drive Intel Optane Memory H10 32GB with 512GB Solid State Storage	Dimensions & Weight*	H/W/D: 17.2 x 356.6 x 237.1 mm / 0.68" x 14.0" x 9.3" *Starting Weight: 1.66kg (3.66lb)
Video Card	Intel® UHD Graphics with shared graphics memory NVIDIA® GeForce® MX230 Graphics with 2GB GDDR5 vRAM NVIDIA® GeForce® MX250 Graphics with 2GB GDDR5 vRAM	Audio and Speakers	Stereo Speakers with Waves MaxxAudio® Pro tuning Integrated Dual Array Microphones 3.5mm Headphone/Microphone combination jack
Display*	15.6-inch FHD (1920 x 1080) Anti-glare LED Backlit Non-touch Narrow Border WVA Display 15.6-inch FHD (1920 x 1080) Anti-glare LED Backlit Non-touch Narrow Border 300nits WVA Display	Chassis	Aluminum and plastic Precision Touchpad Integrated Widescreen HD (720p) Webcam with Dual Digital Microphone Array
Colors	Urban Gray Ice Gray	Wireless	802.11ac, Bluetooth, 2x2 802.11ac, Bluetooth, 1x1
Productivity Software	Dell Mobile Connect	Primary Battery	3-Cell Battery, 42 Whr (Integrated)
Security	McAfee Small Business Security (30-day/1yr) Windows Hello Hardware TPM 2.0 (not available in China) Fingerprint Reader integrated into power key (optional) Wedge Shaped Lock Slot	Regulatory	Energy Star 7.1 (Not available on configurations with Ubuntu)
Warranty	1 year limited hardware warranty Additional warranty and support available for purchase	AC Adapter	45 Watt AC Adapter 65 Watt AC Adapter India 100% tie with 65Watt AC Adaptor
Accidental Damage Services	Available for purchase	Additional Software	My Dell: Dell Product Registration + Dell Help and Support, SupportAssist for PCs, Dell Recovery Environment, Dell Power Manager, Dell Update, SmartByte, Waves MaxxAudio® Pro
		Peripheral Ecosystem	Dell Pro Briefcase 15 (PO1520C); Dell Portable SSD, USB-C 250GB; Dell 22 Monitor (E2218HN); Dell Adapter – USB-C to HDMI/VGA/Ethernet/USB 3.0 (DA200); Dell Wireless Keyboard and Mouse Combo (KM636)
		Docking Options	Dell Universal Dock - D6000



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

Dell Base Warranty¹

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 software⁴ 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 resolution². 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 drive³ with:

- Up to 92% less time to resolution
- Up to 68% fewer steps in the support process (13 fewer steps to resolution)

Accidental Damage Service⁵

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.



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.

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

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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