

LATITUDE 9510

Does your PC know you?



Configurable as a laptop or 2-in-1



WORLD'S MOST INTELLIGENT 15" PC WITH BUILT-IN AI¹⁷

The Latitude 9510 features Dell Optimizer, built-in AI that learns and responds to the way you work, to automatically improve application performance, battery life and audio settings in the background. ExpressResponse launches favorite applications faster and improves their performance. ExpressSign-in senses your presence to auto wake and lock your system. Based on your habits, dynamic settings keep you running longer or give you the appropriate ExpressCharge.

And Intelligent Audio auto-adjusts for best sound quality and conferencing. All are controlled through one module, at no additional cost, to reduce lag and help you run at peak performance.



WORLD'S SMALLEST, LIGHTEST ULTRA-PREMIUM BUSINESS 15" PC²¹

A new class of ultra-premium mobility, the Latitude 9510 is lightweight and portable starting at a mere 3.1 lbs / 1.4 kg, and is offered in both laptop or 2-in-1. A stunning brushed aluminum design with diamond cut edges offer ultimate style with a new keyboard and touchpad that feels as good as it looks. The 15.0 InfinityEdge screen provides maximum working area in a surprisingly small 14" size, with a camera shutter option for added privacy. Up to 10th Gen Intel® Core™ i7 vPro® processors on this Project Athena-verified device offer businesses the performance, manageability and built-in security features while providing the foundation for future technology advancements.



THE ONLY THING YOU NEED IS THE LONGEST RUNNING 15" BUSINESS PC¹⁸

Wherever you work, there's no need to carry chargers, adapters, hot spots or to find a conference phone with the Latitude 9510. Built to break records with up to 34 hrs of battery life.¹⁸ The powerful built-in speakerphone, high quality top-firing speakers and Waves Maxx® Audio finely tune for an in-person conference experience. Choose Intel® Wi-Fi 6 (Gig+) for nearly 3x faster speeds and next-gen security to PCs and wireless networks.¹⁹ Or stay connected with choices of Gigabit LTE, 5G design,²⁰ and new eSIM technology that connects to more global carriers²⁰ without having to switch SIM cards.



INNOVATION & SUSTAINABILITY

With Latitude innovation never stops. Neither does our commitment to our customers. We heard, we listened, we took action. Across new Latitude products, IT can now manage thermals within the BIOS. It's not tied to software which saves on hard drive size, and allows IT to focus on other critical software. To keep the system cool, we use two heat pipes and carbon blade fans for quietness. Additionally, an adaptive thermal response ensures your PC is cooler on your lap than when on a desk. With our commitment to sustainability, waterborne paint is used on 100% of painted parts; and ocean-bound plastic (25%) and HDPE recycled plastic (75%) comprise our packaging trays.

The world's most intelligent PCs

featuring Dell Optimizer¹⁷

New Latitude devices feature Dell Optimizer a built-in artificial intelligence software that learns and adapts to your behavior to create a smarter, more personalized user experience. It automatically improves application performance, battery run time and more in the background, so you have fewer disruptions no matter where you're working.



ExpressResponse

Dell Optimizer uses built-in AI and Intel® Adaptix™ Technology to learn how you typically use your favorite applications, continuously improving and applying settings – quietly, in the background - so you get the most nimble performance possible.



ExpressCharge

Eliminate the stress of low battery. This technology learns your day-to-day charging habits and ensures your battery operates at its full potential. If you can't charge your system right away, it will subtly adjust settings to preserve resources, such as dimming your screen or turning-off Bluetooth when not in use. When you connect to power ExpressCharge Boost will gain a 35% charge in about 20 minutes²² or up to 80% in an hour with ExpressCharge²³.



ExpressSign-in

Dell Optimizer controls ExpressSign-in, a PC proximity sensor enabled by Intel® Context Sensing Technology to automatically wake your system and log you in via the IR camera and Windows Hello. It also automatically locks when you walk away, enhancing security and preserving battery life.



Intelligent Audio

Dell Optimizer's Intelligent Audio will automatically tune your system by adjusting background noise, managing speech volume, and refining overall sound experience. Every conference call will feel like you're in the room no matter where you are.

Recommended accessories

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ON-THE-GO



DELL PREMIUM
ACTIVE PEN | PN579X

This Dell Active Pen allows you to easily take notes and stay organized with your Latitude 2-in-1.



DELL PREMIER SLEEVE 15 | PE1520VL

The Dell Premier Sleeve allows you to protect and take your laptop with its accessories wherever your busy day takes you.



DELL PREMIER
BACKPACK 15 | PE1520P

Designed to allow you to move quickly through TSA security checkpoints without removing your laptop, this backpack's EVA foam cushioning will provide ultimate impact resistant protection to your work essentials.

AT THE DESK



DELL THUNDERBOLT
DOCK | WD19TB

Work at full speed with Dell's powerful Thunderbolt Dock. Charge your system faster, support up to two 4K displays and connect to your peripherals via a single cable.



DELL ULTRASHARP 27 4K USB-C
MONITOR | U2720Q

Experience captivating details and true-to-life color reproduction on this brilliant 27" 4K monitor with a wide color coverage.



DELL MULTI-DEVICE WIRELESS
KEYBOARD AND MOUSE
COMBO | KM7120W

Designed to work seamlessly across 3 devices, this compact device keeps your desk clutter-free and lets you stay productive with up to 36 months battery life.²⁴

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Built for business

Experience a new way to work with Dell Technologies Unified Workspace. Intelligence built in. Modernization built on.

We know that having the right device is just the start to a great workday. Employees need intelligent, intuitive and responsive experiences that allow them to work productively and without interruption. According to research, 1 out of every 4 users would question their job and the company they work for if they had a negative experience with their technology.¹ Dell Technologies Unified Workspace is transforming the employee experience and ensuring IT has proactive, predictive and automated solutions to deliver on the promise of a modern workday, while simplifying their ability to deploy, secure, manage and support their environment.



ProDeploy in the Unified Workspace allows IT to move away from traditional, high-touch, manual deployment, and instead, ship devices preconfigured with company apps and settings from the Dell factory directly to their end users—having end users up and working on day one.



Dell Trusted Devices provide a foundation to a modern workforce environment with invisible and seamless protection to ensure smarter, faster experiences. End users stay productive and IT stays confident with modern security solutions for the Dell Trusted Device.



Dell Client Command Suite + VMware Workspace ONE offers integrated capabilities that deliver a unified endpoint management experience for IT, enabling them to manage firmware, OS, and apps from one console, while also creating seamless experiences for end users.



ProSupport resolves hardware issues up to 11x faster than the competition. ProSupport for PCs offers 24x7 access to in-region ProSupport engineers who contact IT when critical issues arise,² so you can focus on what's next, not what just happened.

ProSupport Plus helps IT stay a step ahead and virtually eliminate unplanned downtime due to hardware issues. You get all the capabilities of ProSupport, as well as AI-driven alerts to prevent failures and repairs for accidents.³

¹ ESG Research Report. 2019 Digital Work Survey, December 2019.

² 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>

³ 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/Oxvze8>. Hardware issues detected by SupportAssist include hard drives, solid state drives, batteries and fans.

Features & technical specifications

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Feature	Technical Specifications	Feature	Technical Specifications
Processor ¹	Intel® Core™ Processors up to i7 vPro, CML-U (QC & HC) vPro coming	Docking ¹	Dell Dock - WD19 (optional, sold separately) Dell Thunderbolt Dock - WD19TB (optional, sold separately)
Operating System ¹	Microsoft® Windows 10 Pro 64 bit Microsoft® Windows 10 Home 64 bit Ubuntu (May 2020) (Laptop)	Optical Drive Options	External Options Only
Memory Options ^{1,2,3}	Up to 16GB LPDDR3 SDRAM 2133MHz (on board)	Multimedia ¹	Mechanical Privacy Shutter IR Camera (User-Facing fixed focus) + Proximity Sensor, or no Camera 4 x Top Firing Premium Speakers, Waves MaxxAudio, Smart Amp 4 x Noise Canceling Microphones Universal Audio jack
Chipset ¹	Integrated with the Processor	Battery Options ¹	4-Cell, 52 WHr ⁶ Polymer, ExpressCharge™ & ExpressCharge Boost capable 6-Cell, 88 WHr ⁶ Polymer, ExpressCharge™ capable 4-Cell, 52 WHr ⁶ Polymer Long Life Cycle (July 2020)
Intel Responsiveness Technologies ^{1,7}	Intel® Rapid Storage Technology	Power Options ¹	65W adapter, Type-C 90W adapter, Type-C
Graphics ^{1,13}	Intel® UHD Graphics (Integrated)	Connectivity options ^{1,14}	Microsoft Modern Standby compliant WiFi Display (Miracast) ¹⁴ Wireless LAN Options⁸: Intel® Wi-Fi 6 AX201 2x2 .11ax 160MHz + Bluetooth 5.1 Mobile Broadband Options^{8,10} Qualcomm® Snapdragon™ X20 LTE-A (DW5821e) (eSIM enabled), WW excluding China, Turkey, US Qualcomm® Snapdragon™ X20 LTE-A (DW5821e) WW Qualcomm® Snapdragon™ X20 LTE-A (DW5821e) for AT&T, Verizon & Sprint, US. Qualcomm® Snapdragon™ X55 Global 5G Modem (DW5930e) (July 2020) (2-in-1) (eSIM enabled), WW excluding China, Turkey, US Qualcomm® Snapdragon™ X55 Global 5G Modem (DW5930e) (July 2020) (2-in-1), WW Qualcomm® Snapdragon™ X55 Global 5G Modem (DW5930e) (Sep 2020) (2-in-1), Sprint Qualcomm® Snapdragon™ X55 Global 5G Modem (DW5930e) (Jan 2021) (2-in-1), AT&T, Verizon
Display ¹	2-in-1 15" 16:9 FHD (1920 x 1080) WVA Touch, Anti-reflective and Anti-Smudge, Corning® Gorilla Glass® 6 DX, Super Low Power, 400 nits, sRGB 100%, Active Pen Support Laptop 15"16:9 FHD (1920 x 1080), Anti-Glare, Super Low Power, 400 nits, sRGB 100%	Ports, Slots & Chassis ¹	1 x USB 3.2 Gen 1 (with PowerShare, USB Type-A) 2 x Thunderbolt™3 with Power Delivery & DisplayPort (USB Type-C) 1 x HDMI 2.0 1x external uSIM card tray option (WWAN only) 1 x uSD 4.0 Memory card reader 1 x Optional Contacted SmartCard Reader 1 x Optional Touch Fingerprint Reader in Power Button Wedge Lock slot
Storage ^{1,3}	SSD M.2 2230 PCIe/NVMe Class 35 up to 1TB SED SSD M.2 2230 PCIe/NVMe Class 35 256GB	Dimensions & Weight ^{1,15}	Width: 340.2mm / 13.39" Height: 8.23mm / .32" (front) /13.99mm / .55" (rear) Depth: 215.8mm / 8.49" Starting weight: 3.1lbs / 1.4kg (Laptop) 3.3lbs 1.5kg (2-in-1)
Security ¹	TPM 2.0 FIPS-140-2 Certified / TCG Certified Optional Windows Hello compliant fingerprint reader in power button Optional Security Hardware Authentication Bundles 1: Touch Fingerprint Reader (in Power Button) with Control Vault 3.0 Advanced Authentication with FIPS 140-2 Level 3 Certification 2: Contacted Smart Card and Control Vault 3 Advanced Authentication with FIPS 140-2 Level 3 Certification 3: Touch Fingerprint Reader (in Power Button), Contacted Smart Card, and Control Vault 3 Advanced Authentication with FIPS 140-2 Level 3 Certification 4: Touch Fingerprint Reader in Power Button, Contacted Smart Card, Contactless Smart Card, NFC, and Control Vault 3 Advanced Authentication with FIPS 140-2 Level 3 Certification Optional Face IR camera (Windows Hello compliant) with ExpressSign-in (Proximity Sensor) Dell Client Command Suite Dell BIOS Verification Optional Dell Endpoint Security and Management Software VMware Carbon Black Endpoint Standard VMware Carbon Black Endpoint Standard + Secureworks Threat Detection and Response Dell Encryption Enterprise Dell Encryption Personal Carbonite VMware Workspace ONE Absolute® Endpoint Visibility and Control Netskope Dell Supply Chain Defense		

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Feature	Technical Specifications
Regulatory and Environmental Compliance¹	Regulatory Model: P94F (Laptop) P95F (2-in-1) Regulatory Type: P94F001 (Laptop) P95F001 (2-in-1) ENERGY STAR EPEAT Registered. For specific country participation and rating, please see www.epeat.net Halogen-Free/Arsenic-Free BFR/PVC free (not including PSU) ⁹
Input¹	10-Finger Touch Display Glass Microsoft® Precision Clickpad Single Pointing Spill Resistant Backlit Keyboard Dell Premium Active Pen PN579X (optional, sold separately)
Sensors	Gyroscope, eCompass/Magnetometer, Accelerometer, GPS (via WWAN Card only), Ambient Light Sensor, Adaptive Thermal Performance (via Gyroscope/Accelerometer), Dell ExpressSign-In (via Proximity Sensor), Wake/Power on with lid open
Systems Management¹	Intel® vPro™ Technology coming (iAMT 12) (optional, requires Intel WiFi® Link WLAN and a vPro compatible processor), Dell Client Command Suite available (dell.com/command), Factory Installed Dell Client Command Update, Dell Command Power Manager Dell Optimizer
Warranty and Service¹	Limited Hardware Warranty ⁴ , Standard 3 year Mail-in Service after Remote Diagnosis ¹¹ , optional 3, 4 and 5 year hardware warranty extensions, and 3-5 year Dell ProSupport contracts available ¹²
Peripheral Ecosystem¹	Powerful accessories designed and tested for Latitude 9510 enable seamless productivity for On-the-Go Professionals, wherever work takes them.

Does your PC know you?



1 Offering may vary by country and by configuration

2 A 64-bit operating system is required to support 4GB or more of system memory.

3 GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

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

5 Tap to Pay will not be supported. Tap to Login is only supported with USH SKU

6 The stated Watt Hour (Whr) is not an indication of battery life

7 Intel Rapid Storage Technology requires a HDD, mSATA, or an SSD, as primary storage device. See OS requirements

8 Wireless antenna and module available only at time of system purchase

9 Dell Latitude 7400 2-in-1 are brominated flame retardant free (BFR-free) and polyvinyl chloride free (PVC-free); meeting the definition of BFR-/PVC-free as set forth in the INEMI Position Statement on the 'Definition of Low-Halogen Electronics (BFR-/CFR-/PVC-free)'. Plastic parts contain less than 1,000 ppm (0.1%) of bromine (if the Br source is from BFRs) and less than 1,000 ppm (0.1%) of chlorine (if the Cl source is from CFRs or PVC or PVC copolymers). All printed circuit board (PCB) and substrate laminates contain bromine/chlorine total less than 1,500 ppm (0.15%) with a maximum chlorine of 900 ppm (0.09%) and maximum bromine being 900 ppm (0.09%).

10 Mobile Broadband Subject to service provider's broadband subscription and coverage area; additional charges apply.

11 Onsite Service 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 Warranty (www.dell.com/warranty) and not resolved remotely, technician and/or part will be dispatched, usually within 1 business day following completion of Remote Diagnosis. Availability varies. Other conditions apply.

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

13 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.

14 Miracast Wireless Technology: Requires a compatible media adapter (sold separately and can be integrated into the display) and an HDMI-enabled display.

15 Weights vary depending on configuration and manufacturing variability.

16 Available in US only

17 Based on Dell analysis, November 2019, using publicly available data.

18 Battery life is based on testing of Latitude 9510 with Intel Core i5- 10310U, 16GB RAM, 256 GB SSD, 88Whr battery and FHD non-touch display, using the Mobile Mark 2014 benchmark test available at 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, operating conditions, power management settings and other factors. Maximum battery life will decrease with time.

19 Nearly 3X Faster: 802.11ax 2x2 160 MHz enables 2402 Mbps maximum theoretical data rates, ~3X (2.8X) faster than standard 802.11ac 2x2 80 MHz (867 Mbps) as documented in IEEE 802.11 wireless standard specifications, and require the use of similarly configured 802.11ax wireless network routers. WPA3 Wi-Fi Security Features: The Wi-Fi Alliance industry consortium will certify Wi-Fi 6 products for compliance with the IEEE 802.11ax standard, and will require WPA3 security certification as a pre-requisite to ensure the latest in Wi-Fi security features. WPA3 Simplified Passwords: WPA3 uses Simultaneous Authentication of Equals (SAE) to replace the Pre-Shared Key (PSK) exchange protocol used by WPA2. SAE more securely handles initial key exchange and uses forward secrecy, which makes it more resistant to offline decryption attacks and provides stronger password-based authentication. WPA3 Enhanced Protection: Additional network protection comes from the equivalent of 192-bit cryptographic strength across an 802.11ax network and is superior to the 128-bit AES encryption utilized with WPA2. Claim D is based on industry standard WAP3 certification which parameters are broadly available <https://www.wi-fi.org/discover-wi-fi/security>

20 5G LTE option on 2-in-1 coming in fall of 2020. Mobile Broadband/LTE: Subject to service provider's broadband subscription and coverage area; speeds may vary. Additional charges will apply. Contact your service provider for details.

21 Based on Dell internal analysis, November 2019. The smallest refers to the total surface area.

22 Based on Dell internal analysis, February 2019. Within Dell Power Manager software, selecting either the Default mode of Adaptive Charge or ExpressCharge™ can recharge system battery from 0% up to 35% within 20 minutes when system is powered-off and battery temperature is between 16-45 degrees C. With ExpressCharge™ mode enabled, the system battery can then continue charging up to 80% within 60 minutes. After charging has reached 80% 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 time may vary +/-10% due to system tolerance.

23 Based on Dell internal analysis, February 2019. When used with Dell systems with ExpressCharge. Within Dell Power Manager software, selecting ExpressCharge™ can recharge system battery from 0% up to 80% within 60 minutes. After charging has reached 80% 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 time may vary +/-10% due to system tolerance.

24 Based on Dell internal analysis of battery life usage model calculations and 3 million keystrokes per year, Nov 2019. Results vary depending on usage and computing conditions.