DELLTechnologies

LATITUDE 9510

Does your PC know you?

Configurable as a laptop or 2-in-1

FIRSTNET READY ™

WORLD'S MOST INTELLIGENT 15" PC WITH BUILT-IN AI[17]

The Latitude 9510 features Dell Optimizer, the only built-in AI[17] 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. ExpressCharge learns your habits to apply appropriate charging or keep you running longer. 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.

THE ONLY THING YOU NEED IS THE LONGEST RUNNING 15" PC[18]

There's no need to carry chargers, adapters, hot spots or to find a conference phone with the Latitude 9510. It breaks records with the longest run time of any 15" business PC,[18] with up to 30 hrs of battery life. The powerful built-in speakerphone, high quality top-firing speakers and Waves Maxx® Audio finely tune for an in-person conference experience. Intel® Wi-Fi 6 (Gig+) delivers nearly 3x faster speeds and next-gen security to PCs and wireless networks.[19] Or stay connected on the move with this PC designed for 5G LTE,[20] plus new eSIM technology that connects to more global carriers[20] without having to switch SIM cards.

WORLD'S SMALLEST, LIGHTEST ULTRA-PREMIUM BUSINESS 15" PC[21]

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 offer businesses the performance, manageability, and built-in security features, while aligning to a future-proof road map.*

* vPro® available April 2020

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 first PCs with built-in and automated AI Dell Optimizer[17]

New Dell Latitude laptops feature Dell Optimizer— built-in Artificial Intelligence software that learns how you work and continuously adapts to your style to create a smarter, more-personal experience. The result? Improved system responsiveness, better application performance, and smarter use of battery power. All from a single console that you manage from WorkspaceOne or Dell SCCM — allowing IT to deploy, configure, update, and monitor Optimizer remotely.

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

Dell optimizer improves battery performance by adapting to your typical power consumption and charge patterns. Always on the go? You'll get an ExpressCharge Boost to gain 35% charge in about 15 minutes.[22]
Have more time? ExpressCharge will automatically get you up to 80% in an hour.[23] And 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.

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 so you can hear and be heard better.

Recommended Accessories

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.

*Available April 2020

**DELL PREMIER
BACKPACK 15 | PE1520P**

Designed to allow you to move quickly through TSA security checkpoints without removing your laptop, this backpacks 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 three 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.

Built for business

MODERNIZE YOUR IT WITH
DELL TECHNOLOGIES UNIFIED WORKSPACE

Dell Technologies Unified Workspace intelligently modernizes end user experiences for seamless productivity with proactive, predictive and automated solutions for deployment, security, management and support.

DEPLOY

ProDeploy in the Unified Workspace allows you 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.

SECURE

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.

MANAGE

Dell Client Command Suite + VMware Workspace ONE offers integrated capabilities that deliver a unified endpoint management experience to customers so they can manage firmware, OS, apps from one console.

SUPPORT

ProSupport resolves hardware issues up to 11x faster than the competition. ProSupport for PCs offers 24x7 access to in-region ProSupport engineers who contact you when critical issues arise,[1] so you can focus on what's next, not what just happened.ProSupport Plus helps you 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.[2]

Dell SupportAssist OS Recovery enables a recovery environment with tools to diagnose and troubleshoot issues that may occur before your computer boots to the operating system.

1 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
2 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.

Features & technical specifications

LATITUDE 9510

Feature	Technical Specifications
Processor[1]	Intel® Core™ Processors up to i7 vPro, CML-U (QC & HC) vPro coming
Operating System[1]	Microsoft® Windows 10 Pro 64 bit Microsoft® Windows 10 Home 64 bit Ubuntu (May 2020) (Laptop)
Memory Options[1,2,3]	Up to 16GB LPDDR3 SDRAM 2133MHz (on board)
Chipset[1]	Integrated with the Processor
Intel Responsiveness Technologies[1,7]	Intel® Rapid Storage Technology
Graphics[1,13]	Intel® UHD Graphics (Integrated)
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%
Storage[1,3]	SSD M.2 2230 PCIe/NVMe Class 35 up to 1TB SED SSD M.2 2230 PCIe/NVMe Class 35 256GB
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

Feature	Technical Specifications
Docking[1]	Dell Dock - WD19 (optional, sold separately) Dell Thunderbolt Dock - WD19TB (optional, sold separately)
Optical Drive Options	External Options Only
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
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)
Power Options[1]	65W adapter, Type-C 90W adapter, Type-C
Connectivity options[1,14]	Microsoft Modern Standby compliant WiFi Display (Miracast) [14] **Wireless LAN Options[8]:** Intel® Wi-Fi 6 AX201 2x2 .11ax 160MHz + Bluetooth 5.0 **Mobile Broadband Options:[8, 10]** Qualcomm® Snapdragon™ X20 LTE-A (DW5821e) (eSIM capable) Qualcomm® Snapdragon™ X20 LTE-A (DW5821e) China, Turkey Qualcomm® Snapdragon™ X20 LTE-A (DW5821e) for AT&T, Verizon & Sprint, US. Qualcomm® Snapdragon™ X55 Global 5G Modem (July 2020) (2-in-1) (eSIM capable) Qualcomm® Snapdragon™ X55 Global 5G Modem (July 2020) (2-in-1), China, Turkey Qualcomm® Snapdragon™ X55 Global 5G Modem (Sep 2020) (2-in-1), Sprint Qualcomm® Snapdragon™ X55 Global 5G Modem (Jan 2021) (2-in-1), AT&T, Verizon
Ports, Slots & Chassis[1]	1 x USB 3.1 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
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)

Feature	Technical Specifications
Regulatory and Environmental Compliance[1]	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]
Input[1]	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 Management[1]	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 Service[1]	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 Ecosystem[1]	Powerful accessories designed and tested for Latitude 9510 enable seamless productivity for On-the-Go Professionals, wherever work takes them.

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