

# Does your PC know you?



Coming March 2020

The Dell Latitude 9510 is boldly envisioned as the **first in the 9000 ultra-premium** class of products. It's **lightweight, portable** and targets a record-breaking **30 hr battery life**.<sup>1</sup> As the **world's most intelligent** laptop or 2-in-1,<sup>2</sup> Latitude 9510 uniquely adjusts to different users' needs with a **built-in AI** platform for smarter system responsiveness, application performance, battery run time and supreme audio conferencing - all controlled through one module at no extra cost.

## Travel lighter and cooler

With its built-in speakerphone, long battery life, large screen, and extensive port options, easily work without adapters, chargers, speakers or conference phones.

- The Latitude 9510 is as sleek as it is portable, as the **world's smallest and lightest** 15" business PC, starting at a mere 3.2 lbs / 1.45 kg.<sup>3</sup>
- We've stretched the screen to the edge with our **15.0 InfinityEdge screen**
- It's crafted with precision cut aluminum, having the finest details of diamond cut edges and a hair-line brushed finish.
- Battery life targets an **astounding 30 hours**,<sup>1</sup> so users can stay charged over multiple work days or while traveling.
- **Adaptive thermal performance** teams up with our next gen **Super Low Power** panel for even more battery savings.
- **Smart thermals now help IT.** IT can manage **thermals within the BIOS**. It's not tied to software, which saves on storage size, and allows IT to focus on other critical software. Carbon blade fans are used for quieter cooling, so you can focus on your work. Additionally, two pipes are better than one for removing heat, and our 2-in-1s have an adaptive thermal response, so they stay cooler on your lap than when on a desk.



## Personalized productivity with Dell Optimizer

This AI-based technology works seamlessly in the background, allowing users to start work quickly.

- **Get to work faster with ExpressSign-in**, the first PC proximity sensor enabled by Intel® Context Sensing Technology, which auto wakes and logs in via the IR camera + Windows Hello. It locks when you walk away, enhancing security and preserving battery life.
- **Work without lag with ExpressResponse** with Intel® Adaptix™ Technology, which launches frequently used applications quicker and improves overall application performance based on user preferences and machine learning.
- **AI keeps you running** by adapting to your power consumption and charge patterns. Always on the go? You'll get an **ExpressCharge Boost** to gain up to 35% charge in 15 minutes.<sup>4</sup> Have more time? **ExpressCharge** will automatically get you back up to 80% in an hour.<sup>5</sup> 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.
- **Intelligent audio** lets you **hear and be heard better** on conference calls, eliminating echoes and background noise, even when walking around. No longer do users need to worry about conference room failures. This PC becomes your speakerphone.



### PC as a speakerphone

For up-leveled conferencing and collaboration, the Latitude 9510 has a **built-in speakerphone**.



- For the first time ever, we packed a **powerful amp** into this PC to improve low range vocals, thereby reducing distortion and echoes.
- High-quality **top firing speakers** make calls clearer and louder.
- **A quartet of microphones**, and Voice Over Internet Protocol (VOIP) network prioritization allow users to be heard with real life clarity.
- **Waves Maxx® Audio** finely tunes for an in-person conference experience.

### Faster connections to work anywhere



- The Latitude 9510 offers **Intel® Wi-Fi 6 (Gig+)** for nearly **3x faster speeds and next-gen security** to PCs and wireless networks.<sup>6</sup> It's designed for **5G LTE** to help mobile professionals stay connected anywhere and while traveling.<sup>7</sup> The 5G antennas are deftly housed within the speakers so there's no compromise on being small *and* having the best connection.
- **Up to 10th Gen Intel® Core™ i7 processors with vPro coming** offer businesses the performance, manageability, built-in security features, and stability of the Intel® vPro® Platform and align to a future-proof roadmap.
- **Smart antennas** make sure your connection is at peak performance, always aware, always adapting to ensure signals are strongest whether in laptop or different modes.
- The Latitude 9510 offers new **eSIM** technology which automatically connects to mobile carriers while traveling globally without having to switch SIM cards.<sup>7</sup> It's more secure, since eSIM is tied to the device, and cannot be transferred. As a backup, a SIM slot is also available.



### Keep your work private

- Because privacy grows increasingly important, a **camera shutter option**<sup>8</sup> increases privacy on conference calls.

### End-to-end sustainability

With Latitude, innovation never stops and neither does Dell's commitment to sustainable choices.

- In the Latitude 9510, **waterborne paint** is used on 100% of painted parts; while **ocean-bound plastic** (25%) and **HDPE recycled plastic** (75%) comprise the packaging trays.
- The Latitude 25th Anniversary laptop raised the bar for end-to-end sustainability, so that we can carry that legacy of **sustainability into the future of all Latitude**.



<sup>1</sup> Battery life is based on preliminary testing of Latitude 9510 with Intel Core i5-10210U, 16GB RAM, 256 GB SSD, 88Whr battery and FHD non-touch display, using the Mobile Mark 2014 benchmark test available at [www.bapco.com](http://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.

<sup>2</sup> Based on Dell internal analysis, November 2019.

<sup>3</sup> Based on Dell internal analysis, February 2019. The smallest refers total surface area of the notebooks.

<sup>4</sup> 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.

<sup>5</sup> 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.

<sup>6</sup> 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>

<sup>7</sup> 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.