



DELL LATITUDE

Innovations within the Latitude portfolio of products



GET TO WORK FASTER, AND STAY CONNECTED IN MORE PLACES

- Latitude has technologies to start work instantly. The world's first PC proximity sensor enabled by Intel® Context Sensing Technology¹, **Dell ExpressSign-in** automatically wakes or locks the system without lifting a finger on the 7400 2-in-1. The Latitude 3301 powers on just by opening the lid. And **modern standby** across Latitude keeps Wi-Fi running in the background to ensure you're up and running quickly upon waking.
- Get global mobile broadband coverage in a small design without needing to switch parts. Our 7000 notebooks have the first **4x4 dynamic antenna** tuning solution in aPC⁷ to provide reliable mobile broadband, especially in weak signal areas. The extra two antennas act as additional "ears", resulting in up to 70% faster speeds.⁸
- **Dell ExpressConnect** extends the distance and speed of a Wi-Fi link by tracking the strongest signal coming in from any direction, delivering 40% average throughput improvement compared to a conventional antenna.²
- **High density batteries** ensure higher performance to stay charged longer. The 7400 2-in-1 boasts up to 26 hrs.³ **ExpressCharge** can power the battery up to 80% in an hour.⁴ While **ExpressCharge Boost** provides a faster charge when the battery is critically low, to charge a system up to 35% in 20 minutes⁵.

SMARTER DISPLAY SOLUTIONS FOR PRIVACY AND BEST VIEWING EXPERIENCE



- **Dell's new digital SafeScreen** offers protection like an external privacy filter. The innovative backlight solution saves on battery drain. It also preserves color integrity and maintains contrast ratio, so you can see your work while others can't.
- Sometimes you want to be heard on conference calls but not seen. An available **camera shutter** further protects privacy.
- The innovative drop-hinge design allows for **4-sided narrow borders** to provide expansive screens in the most compact laptop. Cameras are placed top and center, for an intuitive, flattering view.
- Plug in less with a Dell-pioneered **super low power panel** that's 50% more efficient⁶ than a standard FHD panel, without compromising resolution, color, or brightness.
- **Corning® Gorilla® Glass** improves sunlight readability, and delivers enhanced durability.

Dell Latitude innovation



THE NEXT LEVEL OF COLLABORATION TO WORK WITHOUT SKIPPING A BEAT

- Hear and be heard for better collaboration with **Waves MaxxAudio® Pro**. Waves Nx tracks presenters' head movements to emulate the natural way you listen to multiple people in a room. Far field Voice Pickup makes distant voices sound clearer. Intelligent audio optimization adjusts for media versus voice so you can sit back and stream or switch to a conference call with appropriate levels. Now compatible with more accessories.
- The Latitude 3301 features an impressively **small 2.7mm webcam** which provides great visual quality, while enabling thin screen borders. It was designed with an innovative 4-element lens, as opposed to a typical 3-element lens, for crisper video, and employs temporal noise reduction, resulting in significantly better video quality in low light.



ADVANCED THERMAL SOLUTIONS TO KEEP YOUR PC COOL WHILE IT WORKS HARD

- **Liquid crystal polymer**, used in bullet proof vests, is employed to maximize airflow and cool the system. An advanced heat pipe solution further removes heat and quiets even as performance turbos.
- On our 2-in-1s, **adaptive thermal response** intelligently detects micro shifts and adjusts power depending on usage. Systems stay comfortably cooler in laptop mode than when in presentation mode on a desk.
- **Dell Power Manager** also helps manage performance with 4 presets - Optimized, Cool, Quiet, Ultra Performance. If working in a shared space, one can choose quiet, versus if using graphics intense programs at home where Ultra Performance would be better.
- In the 7400 2-in-1, **Gore™ aerogel**, the same material utilized on NASA's stardust probe, insulates the thinnest of spaces.



BUILT-IN SECURITY

- Log in faster with available **fingerprint reader** now moved to the power button.
- With **Dell SafeBIOS**, gain visibility to potential attacks on the BIOS, the "control tower" of the PC boot process with Dell's unique off-host comparison to ensure authenticity. Flexible reimage options provide the ability to complete forensics on the attack and decide when and how to reimage the device, on your terms.
- Only **Dell SafeID** provides secure credential storage in an isolated security chip, for better protection of end user credentials, keeping them out of sight from malware that steals credentials.

1 Based on Dell internal analysis, November 2018.

2 Based on an Ethertronics Engineering Test Report, December 2017, comparing Active Steering Antenna vs. Passive Antenna throughput performance at 53ft away from AP at 5GHz on a Dell Latitude 7490 laptop.

3 Latitude 7400 2-in-1 tested with Intel i5-8265U, 8GB RAM, 128GB PCIe SSD, WLAN/WWAN, FHD Touch and 78 Whr battery, using the Mobile Mark 2014 battery life 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, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time.

4 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.

5 Must have an ExpressCharge Boost compatible battery and AC adapter. 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.

6 Based on Dell internal analysis, January 2018, comparing a Latitude 7490 with FHD SLP display vs. same system with FHD INX display.

7 Based on Dell internal analysis, April 2019.

8 Compared to technology with 2x2 antenna design.