

Latitude 5420 Laptop

Tech Specs & Customization

Processor

11th Generation Intel® Core™ i3-1115G4 (6 MB Cache, 2 Core, 4 Threads, 3.00 GHz to 4.10 GHz, 17.5 W)

11th Generation Intel® Core™ i5-1135G7 (8 MB Cache, 4 Core, 8 Threads, 2.40 GHz to 4.20 GHz, 17.5 W)

11th Generation Intel® Core™ i5-1145G7 (8 MB Cache, 4 Core, 8 Threads, 2.80 GHz to 4.40 GHz, 17.5 W)

11th Generation Intel® Core™ i7-1165G7 (12 MB Cache, 4 Core, 8 Threads, 2.80 GHz to 4.70 GHz, 17.5 W)

11th Generation Intel® Core™ i7-1185G7 (12 MB Cache, 4 Core, 8 Threads, 2.80 GHz to 4.80 GHz, 17.5 W)

Operating System

Windows 10 Pro, 64-bit

Windows 10 Home, 64-bit

Windows 10 Pro Education, 64-bit

Windows 10 Enterprise N, 64-bit

Ubuntu® Linux® 20.04 LTS, 64-bit

Video Card

Intel® UHD Graphics

Display

14-inch, HD 1366 x 768, 60 Hz, anti-glare, non-touch, 45% NTSC, 220 nits, wide-viewing angle

14-inch, FHD 1920 x 1080, 60 Hz, anti-glare, non-touch, 45% NTSC, 250 nits, wide-viewing angle

14-inch, FHD 1920 x 1080, 60 Hz, anti-glare, non-touch, 100% sRGB, 400 nits, wide-viewing angle

14-inch, FHD 1920 x 1080, 60 Hz, anti-glare, touch, 72% NTSC, 300 nits, wide-viewing angle

14-inch, FHD 1920 x 1080, 60 Hz, anti-glare, touch, privacy, 100% sRGB, 300 nits, wide-viewing angle

Memory¹

4 GB, 1 x 4 GB, DDR4, 3200 MHz, single-channel
8 GB, 2 x 4 GB, DDR4, 3200 MHz, dual-channel
8 GB, 1 x 8 GB, DDR4, 3200 MHz, single-channel
16 GB, 2 x 8 GB, DDR4, 3200 MHz, dual-channel
16 GB, 1 x 16 GB, DDR4, 3200 MHz, single-channel

Intel Optane Memory:

M.2 2280, 128 GB, Gen 3 PCIe x4, NVMe, Intel®Optane™ Memory
M.2 2280, 256 GB, Gen 3 PCIe x4, NVMe, Intel®Optane™ Memory
M.2 2280, 512 GB, Gen 3 PCIe x4, NVMe, Intel®Optane™ Memory
M.2 2280, 1 TB, Gen 3 PCIe x4, NVMe, Intel® Optane™ Memory

Hard Drive

M.2 2230, 128 GB, Gen 3 PCIe x4 NVMe, Class 35 SSD
M.2 2230, 256 GB, Gen 3 PCIe x4 NVMe, Class 35 SSD
M.2 2230, 512 GB, Gen 3 PCIe x4 NVMe, Class 35 SSD
M.2 2280, 256 GB, Gen 3 PCIe x4 NVMe, Class 40 SSD
M.2 2280, 512 GB, Gen 3 PCIe x4 NVMe, Class 40 SSD
M.2 2280, 1 TB, Gen 3 PCIe x4 NVMe, Class 40 SSD
M.2 2280, 2 TB, Gen 4 PCIe x4 NVMe, Class 40 SSD
M.2 2280, 256 GB, Gen 3 PCIe x4 NVMe, Class 40 SSD, Self-encrypting drive
M.2 2280, 512 GB, Gen 3 PCIe x4 NVMe, Class 40 SSD, Self-encrypting drive

Microsoft Office

Microsoft Office 30-day trial
Microsoft Office Professional 2019
Microsoft Office Home and Business 2019

Security Software

McAfee® Small Business Security 30-day trial
McAfee® Small Business Security 12-months subscription, digitally delivered
McAfee® Small Business Security 24-months subscription, digitally delivered
McAfee® Small Business Security 36-months subscription, digitally delivered

Support Services

1 year hardware warranty with mail-in service after remote diagnosis
3 years hardware warranty with mail-in service after remote diagnosis
4 years hardware warranty with mail-in service after remote diagnosis
5 years hardware warranty with mail-in service after remote diagnosis
2 years ProSupport with Next Business Day on-site service
3 years ProSupport with Next Business Day on-site service
4 years ProSupport with Next Business Day on-site service
5 years ProSupport with Next Business Day on-site service

3 years ProSupport Plus with Next Business Day on-site service
4 years ProSupport Plus with Next Business Day on-site service
5 years ProSupport Plus and Next Business Day on-site service

Accidental Damage Protection

3 year Accidental Damage Service
4 year Accidental Damage Service
5 year Accidental Damage Service

Keyboard

Single point, backlit keyboard
Single point, non-backlit keyboard

Ports

1 RJ-45 Ethernet port
1 USB 3.2 Gen 1 port
1 USB 3.2 Gen 1 port with PowerShare
2 Thunderbolt 4 ports with DisplayPort Alt Mode/USB4/Power Delivery
1 HDMI 2.0 port
1 Global Headset Jack

Optical Drive

No optical Drive

Slots

1 uSD 4.0 Memory Card Reader
1 wedge-shaped lock slot
1 External eSim slot (optional)
1 smart card reader slot (optional)

Dimensions & Weight

Height: 19.3 mm (0.76") x Width: 321.4 mm (12.65") x Depth: 212 mm (8.35")
Starting Weight: 1.37 kg (3.03 lb)

Camera

720p at 30 fps, widescreen HD RGB camera, Dual-array microphones
720p at 30 fps, widescreen HD RGBIr camera, Dual-array microphones
1080p at 30 fps, widescreen FHD RGBIr camera, Dual-array microphones

Audio and Speakers

Stereo speakers with Realtek Waves MaxxAudio® Pro, 2 W x 2 W = 4 W total
Dual-array microphones

Chassis

N/A

Wireless

WLAN:

Qualcomm QCA61x4a, 2x2, dual band, 802.11ac, Bluetooth® 5.0

Intel® AX201, dual band 2x2 , Wi-Fi 6 (WiFi 802.11ax) (Gig+), Bluetooth® 5.1

Intel® AX201, dual band 2x2 , Wi-Fi 6 (WiFi 802.11ax) (Gig+), Bluetooth® 5.2 (Post RTS)

WWAN:

Dell DW5820e Fibocom L850 GL LTE/WCDMA

Primary Battery

3-cell, 42 WHr, ExpressChargeBoost™

3-cell, 42 WHr, Long Cycle Life

4-cell, 63 WHr, ExpressChargeBoost™

4-cell, 63 WHr, Long Cycle Life

Regulatory

[Product Safety, EMC and Environmental Datasheets](#)

[Dell Regulatory Compliance Home Page](#)

[Dell and the Environment](#)

Features & Design

Operating System

Available with Windows 11 Pro – for a smooth, versatile PC experience.



Welcome to a new age of intelligence

ExpressConnect

New ExpressConnect automatically joins the strongest access point in the office and directs bandwidth to critical applications, wherever you work.

ExpressResponse*

With Intel® Adaptix™ Technology, prioritize your most important apps, so they open faster and perform better.

ExpressSign-in

Get to work fast with our PC proximity sensor enabled by Intel® Context Sensing Technology that detects your presence to instantly wake and log you in via the IR camera and Windows Hello, all without lifting a finger. It locks when you walk away, so your work stays safer.

ExpressCharge*

Dell Optimizer extends runtime and improves battery performance by adapting to your patterns. ExpressCharge Boost delivers up to 35% charge in about 20 minutes, or up to 80% charge in an hour with ExpressCharge.*

Intelligent Audio*

Collaborate like you're in the same room. Intelligent Audio enhances your audio quality and reduces background noises, so you can hear and be heard, creating a better conference experience for all.

Fully loaded and ready to work

Take charge: Keep working with outstanding battery life plus intelligent settings to preserve power when you're running low. Choose from a 42Whr battery for lighter weight or a larger 63Whr battery for longer run time. Get longer battery life when you choose the Super Low Power panel, which consumes less power than a

standard display without impacting the brightness of the screen.

Connect confidently: Stay connected with up to 450 Mbps LTE mobile broadband speeds. Wi-Fi 6E allows 7 additional channels (in 6GHz band) for more bandwidth which provides faster, smoother Wi-Fi, especially in high-density areas.* Travel with ease with new eSIM technology that connects to more global carriers without having to switch SIM cards.*

Scale to your needs: There's nothing holding you back from your best work with scalable memory and storage, including up to 64GB DDR4 memory and up to 2TB of storage. Choose from backlit and non-backlit keyboard options.

Glorious graphics: Stream video, download and smoothly run applications with integrated graphics.

Ports for any purpose: Quickly connect to peripherals with a full range of available ports, including 2x Type-C™ Thunderbolt™ 4* and legacy ports like HDMI and RJ45.

Fast performance: Up to the latest 11th Gen Intel® Core™ i7 vPro® processors offer businesses the performance, manageability, built-in security features, and stability of the Intel® vPro Platform, the platform built for business.

Protect your work: All the security options you expect in a 5000 including Fingerprint Reader in the power button, IR camera for Windows Hello facial login and Smart Card reader (contacted and NFC contactless).



Design in every detail

Smaller and lighter: We've shrunk the dimensions of the Latitude 5000 series without sacrificing power or performance.

Ultimate views: The display is packed with features designed to keep you focused on your work with four-sided narrow bezels, an anti-glare screen and a camera shutter for privacy. Plus, get up to 400 nits of brightness and ComfortView Plus, an always-on, built-in low blue light solution that reduces harmful blue light while delivering excellent color. TÜV Rheinland certified.

Our most sustainable Latitude: The Latitude 5000 Series use 21% bioplastics from trees within the lid by utilizing Tall Oil from the papermaking process.* The overall manufacturing process creates a lower carbon, energy and water footprint, reducing CO2 emissions equal to 24.2 million miles driven, saving energy to

power 5,564 homes for a year, and conserving enough water to fill 226 Olympic-size pools.*

Work fast, stay cool: Dell's unique Dual Opposite Outlet fans provide revolutionary cooling in a compact size. Side venting increases efficiency and maximizes airflow to improve system response time, battery life and quietness. Additionally, IT can manage thermals within the BIOS, which saves on storage size and allows IT to focus on other work.

Modernize your experience with Dell Technologies Unified Workspace.

Dell Technologies Unified Workspace is the gold standard approach to helping you achieve a modernized endpoint environment and deliver an optimized end user experience. Dell's software and services solutions integrate with current endpoint environments and provide enhanced efficiencies, actionable insights and an optimized experience across deployment, security, management and support.

Gains from implementing Dell Technologies Unified Workspace offset hardware and IT costs*

- Modern factory provisioning and reduce **deployment** time by 50%*
- Comprehensive endpoint **security** above and below the OS
- Unified **management** from one console of your choice
- Predictive, proactive **support** to reduce support calls by up to 46% and resolve issues 6x faster**



Windows 11 Pro - designed for hybrid work.

The most productive and secure version of Windows yet—but simple for IT.

[Learn More](#)



Ports & Slots

1. uSD 4.0 Memory Card Reader | 2. Global Headset Jack | 3. USB 3.2 Powershare | 4. USB 3.2 | 5. HDMI 2.0 | 6. RJ45 | 7. Wedge Lock Slot | 8. Thunderbolt™ 4 with Power Delivery and DisplayPort (USB Type-C™) | 9. Thunderbolt™ 4 with Power Delivery and DisplayPort (USB Type-C™) | 10. SmartCard reader (optional) | 11. External eSim slot (optional, not pictured on back)



Dimensions & Weight

1. Height: 19.3 mm (0.76") | 2. Width: 321.4 mm (12.65") | 3. Depth: 212 mm (8.35") | Starting Weight: 1.37 kg (3.03 lb)*