

PRECISION

# 5770

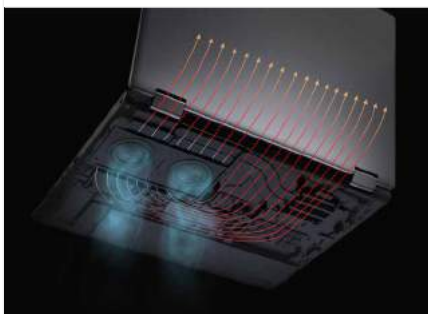
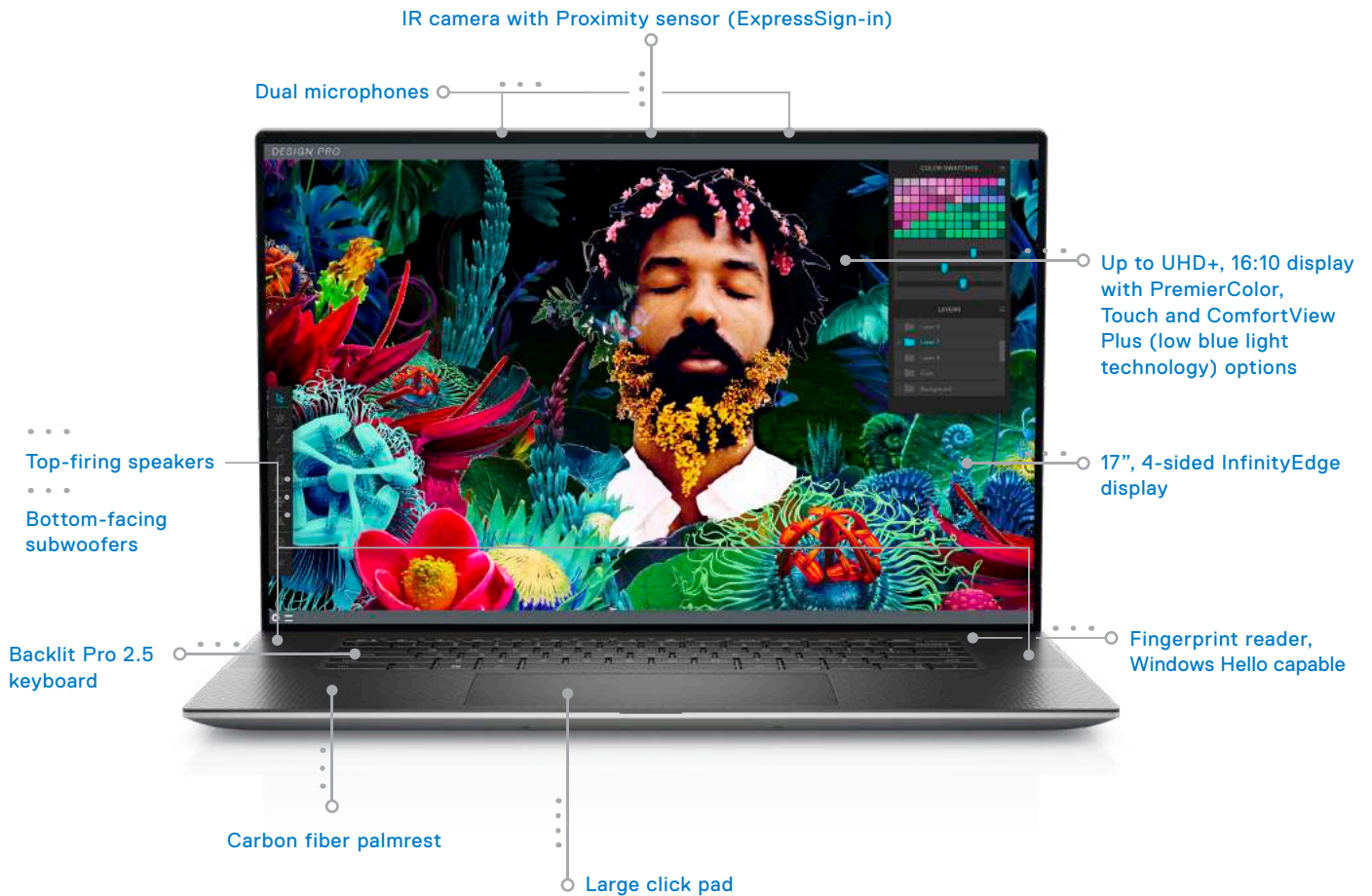
Where elegance  
meets performance



# 5770

Where elegance meets performance.

The smallest, thinnest & lightest 17" workstation with AI-based optimization



Titanium Gray aluminum cover



**Dell Optimizer for Precision**  
 ExpressSign-in  
 ExpressConnect  
 ExpressCharge  
 ExpressResponse  
 Intelligent Audio  
 Reporting & Analytics

### Advanced Thermals

*(Illustration only, not the 5770)*

- User Selectable Thermals Tables (USTT)
- Dual Opposing Output (DOO) fan with liquid polymer blades
- Dual intake venting
- Thermal insulated material, GORE™

ISV certified

Starting at 4.76lbs / 2.17kg



PRECISION  
**5770**



**Intelligent performance**

Up to Intel® Core™ i9, 14 (6P+8E) Cores (45W), up to 12GB NVIDIA RTX™ A3000 series graphics (65W), up to 8TB of storage (RAID support), up to 64GB of 4800MHz memory, (4) Thunderbolt™ 4 (with power-in)  
...  
Dell Optimizer for Precision  
...  
Advanced thermals



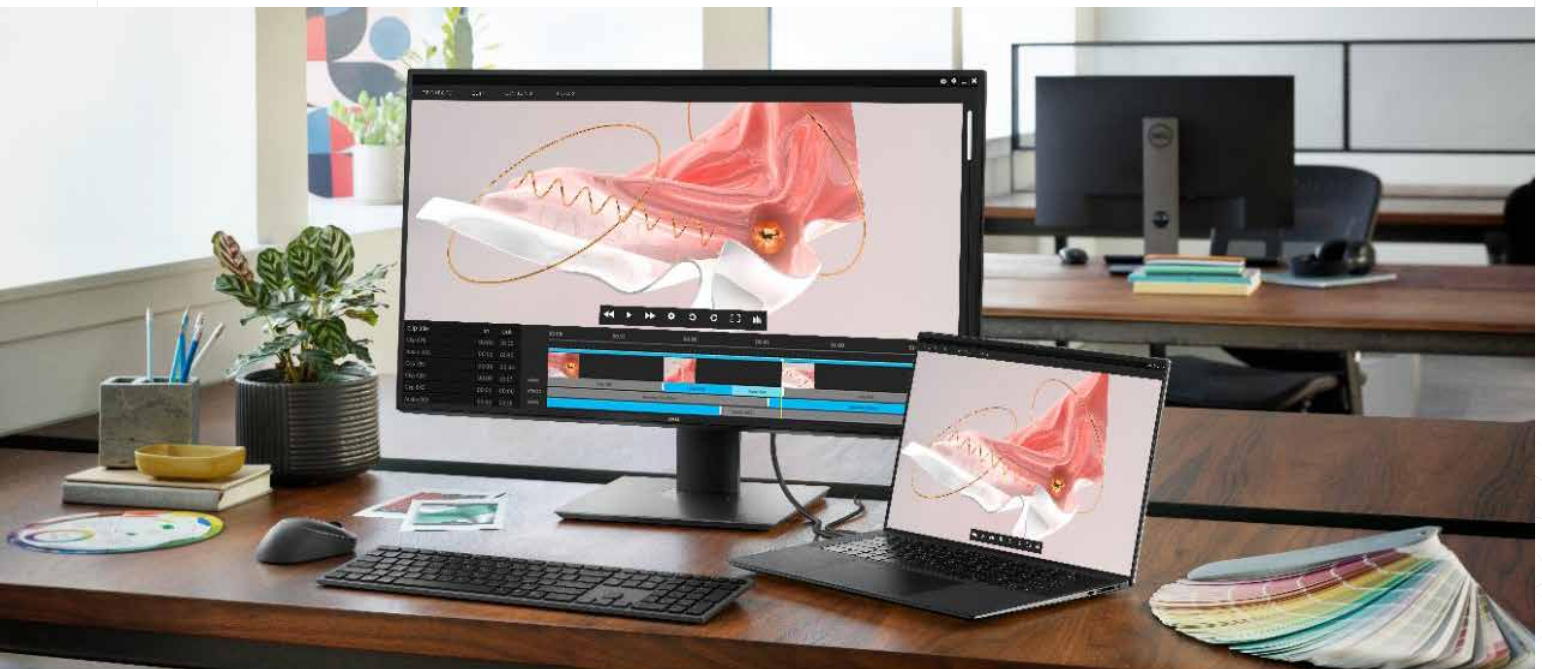
**Immersive productivity and design**

17", 16:10 InfinityEdge display, up to HDR400 UHD+, 100% sRGB & 99% DCI-P3, 500nits, PremierColor, with ComfortView Plus, Touch options  
...  
Backlit keyboard, Large touchpad  
...  
Intel WiFi AX211/BT5.2/vPro, Active steering antennae



**Mission critical reliability and security**

ISV Certifications  
...  
MIL-STD tested  
...  
Long battery life with up to 6-cell battery  
...  
Proximity sensor  
Chassis intrusion sensor  
...  
ProSupport - on-site service available

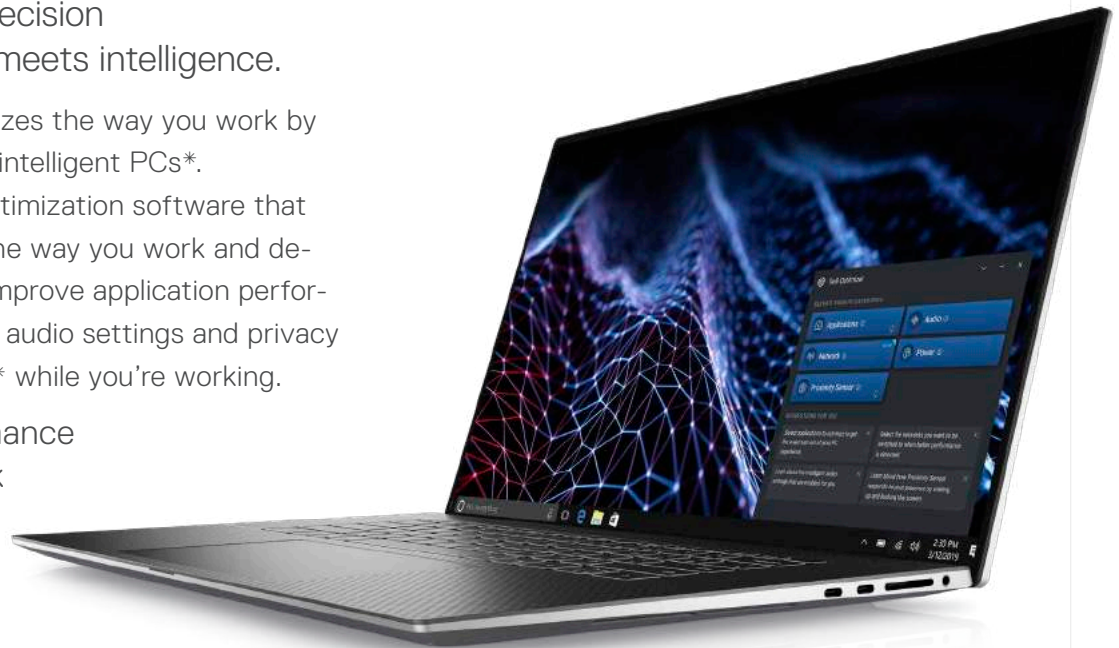


# 5770

Dell Optimizer for Precision  
Where productivity meets intelligence.

Dell Optimizer revolutionizes the way you work by fueling the world's most intelligent PCs\*. It is the only AI-based optimization software that learns and responds to the way you work and designed to automatically improve application performance, battery run-time, audio settings and privacy – all in the background\*\* while you're working.

Personalized performance  
made for hybrid work



## Power to the creators

Dell Optimizer for Precision empowers high-end users with ExpressResponse<sup>6</sup> for performance optimization of storage heavy apps. If you're a Precision user, you also have an exclusive Analytics feature for workload and system insights that help create personalized performance. You can also generate reports within Analytics to get system diagnostics and productivity gains.



## Intelligent privacy anywhere

Privacy and security are a major concern – help keep sensitive data private with the world's most comprehensive suite of Intelligent Privacy features<sup>1</sup>. Onlooker detection lets you texturize or turn on Safe Screen when an intruder is detected and Look Away Detect darkens the PC screen based on user behavior.



## Extended power

ExpressCharge analyzes your power usage habits to improve PC battery utilization. It extends run times and charges your system faster when you need a boost in power.



## Enhanced audio

Intelligent Audio delivers audio and mic enhancements and reduces background noise so you can fully engage in meetings with confidence, wherever you collaborate. Neural noise cancellation enables advanced artificial intelligent techniques to distinguish human speech from any unwanted noise.



## Faster sign-in

Get to work faster with ExpressSign-in<sup>2</sup> – the proximity sensor detects your presence to wake on approach before Windows Hello logs you in via facial recognition.



## Unmatched connectivity

Optimized for the best connectivity, ExpressConnect<sup>3</sup> provides the world's first simultaneous multi-network connection for faster data and video downloads<sup>4</sup>. It also enables joining the best network<sup>5</sup> available and prioritizes traffic for conferencing apps, wherever you work.



## Improved performance

ExpressResponse<sup>6</sup> analyzes how you use your preferred apps<sup>7</sup> to boost performance.



## Simplified manageability

Elevate work experience with an easy-to-manage application that provides a seamless experience for both end-users and IT decision makers. Set up individual features and modules from Dell Optimizer that fit your work environment with the modular installation feature. Deployment updates and optimization of multiple PCs remotely can be done simultaneously via centralized management.



## RECOMMENDED ACCESSORIES



**Dell UltraSharp 38 Curved USB-C Hub Monitor - U3821DW**

Experience clarity, productivity and connectivity on this 37.5" ultrawide WQHD+ curved hub monitor with 95% DCI-P3 color and integrated speakers.



**Dell Premier Multi-Device Wireless Keyboard and Mouse - KM7321W**

Multi-task seamlessly across 3 devices with this premium full-size keyboard and sculpted mouse combo featuring programmable shortcuts and 36 months battery life.



**Dell Thunderbolt Dock - WD22TB4**

Boost your PC's power on the world's first modular Thunderbolt dock with a future-ready design.



**Dell Premier Wireless ANC Headset - WL7022**

Collaborate with ease anywhere with this Teams certified wireless headset which offers active noise cancellation and smart sensors that automatically mute and unmute your call.



**Dell Premier Sleeve XPS 17 - PE1721V**

Stylish sleeve for sturdy protection when you are out and about.



**Dell Pro Backpack 17 - PO1720P**

Protect your notebook and accessories with this lightweight backpack that is made with shock-absorbing EVA foam.



**3Dconnexion SpaceMouse Wireless - 3DX-700076**

3Dconnexion's patented 6-Degrees-of-Freedom (6DoF) sensor is specifically designed to manipulate digital content or camera positions in industry-leading CAD applications.



**HTC VIVE Cosmos 3D VR Headset - MFG 99HARL000-00 Dell part AA809644**

Dive into virtual reality experiences with this HTC VIVE Cosmos 3-D virtual reality headset. A simple design eliminates the need for a base station, while the flip-up display lets you quickly escape to answer calls and texts.



**Wacom Cintiq Pro 24 Creative Pen Display Touch - DTH-2420**

Enhance your creative process with the Wacom Cintiq Pro 24. Featuring world-class color performance on one of Wacom's largest 4K screens.



# PRECISION 5770

## FEATURE TECHNICAL SPECIFICATION

<b>MODEL NUMBER</b>	Precision 5770
<b>PROCESSOR OPTIONS**</b>	12th Generation Intel® Core™ i5-12600H, 18MB cache, 12 cores, 16 threads, 2.70GHz to 4.50GHz, 45W 12th Generation Intel® Core™ i7-12700H, 24MB cache, 14 cores, 20 threads, 2.30GHz to 4.70GHz, 45W 12th Generation Intel® Core™ i7-12800H, 24MB cache, 14 cores, 20 threads, 2.40GHz to 4.80GHz, 45W 12th Generation Intel® Core™ i9-12900H, 24MB cache, 14 cores, 20 threads, 2.50GHz to 5GHz, 45W
<b>OPERATING SYSTEM**</b>	Windows 10 Pro, 64-bit Windows 10 Pro National Academic, 64-bit Windows 11 Home, 64-bit Windows 11 Pro, 64-bit Windows 11 Pro National Academic, 64-bit Ubuntu® 20.04 LTS, 64-bit RedHat version 8.6 (post RTO)
<b>MEMORY OPTIONS**12,35</b>	8GB, 1 x 8GB, DDR5, 4800MHz, Non-ECC, single channel 16GB, 2 x 8GB, DDR5, 4800MHz, Non-ECC, dual channel 32GB, 2 x 16GB, DDR5, 4800MHz, Non-ECC, dual channel 64GB, 2 x 32GB, DDR5, 4800MHz, Non-ECC, dual channel
<b>STORAGE**14</b>	256GB, M.2 2230, PCIe NVMe Gen3 x4, SSD, Class 35 256GB, M.2 2230, PCIe NVMe Gen4 x4, SSD, Class 35 512GB, M.2 2280, PCIe NVMe Gen4 x4, SSD, Class 40 1TB, M.2 2280, PCIe NVMe Gen4 x4, SSD, Class 40 2TB, M.2 2280, PCIe NVMe Gen4 x4, SSD, Class 40 4TB, M.2 2280, PCIe NVMe Gen4 x4, SSD, Class 40 (only with discrete graphics configuration) 512GB, M.2 2280, PCIe NVMe Gen3 x4, SSD, Class 40, self-encrypting drive 1TB, M.2 2280, PCIe NVMe Gen3 x4, SSD, Class 40, self-encrypting drive
<b>GRAPHICS</b>	<b>Discrete:</b> NVIDIA® RTX™ A3000, 12GB GDDR6 (60W) NVIDIA® RTX™ A2000, 8GB GDDR6 (60W)  <b>Integrated:</b> Intel® Iris® Xe Graphics (dual-channel memory) Intel UHD Graphics (single-channel memory)
<b>DISPLAY OPTIONS**</b>	17-inch, FHD+ 1920 x 1200, InfinityEdge 60Hz, anti-glare, non-touch, sRGB 100%min, 500nits, wide-viewing angle, WLED, Low Blue Light (ComfortView Plus) 17-inch, UHD+ 3840 x 2400, InfinityEdge 60Hz, anti-reflective, touch, Adobe 100%min; DCI-P3 99% typ, 95%min, 500nits, wide-viewing angle, WLED, Low Blue Light (ComfortView Plus)
<b>CHASSIS</b>	<b>Exterior Chassis Materials:</b> Aluminium
<b>CASE COLOR</b>	Titan Gray
<b>PRODUCTIVITY SOFTWARES**</b>	Microsoft Office 30-day trial Microsoft Office Professional 2019 Microsoft Office Home and Business 2019 Certificate Based Authentication (CBA)/Authenticated BIOS Interface (ABI) Dell Client Command Suite (DCCS) Dell Optimizer v3.0 (Tier 1) Dell Power Manager (Tier 2) Dell Premier Color v6.0 (Tier 3) Dell Trusted Device (Safe BIOS) Digital Device Identity and Secured Component Verification Secure BIOS Baseline Secured-Core PC Support Assist for PCs Support Assist OS Recovery (Excalibur)
<b>SECURITY SOFTWARES</b>	McAfee® Small Business Security 30-day free trial McAfee® Small Business Security 12-month subscription McAfee® Small Business Security 36-month subscription
<b>WARRANTY**15,16</b>	1-year hardware service with on-site/in-home service after remote diagnosis 2-year hardware service with on-site/in-home service after remote diagnosis 3-year hardware service with on-site/in-home service after remote diagnosis 4-year hardware service with on-site/in-home service after remote diagnosis 5-year hardware service with on-site/in-home service after remote diagnosis 3-year ProSupport with Next Business Day on-site service 4-year ProSupport with Next Business Day on-site service 5-year ProSupport with Next Business Day on-site service 3-year ProSupport Plus with Next Business Day on-site service

## FEATURE TECHNICAL SPECIFICATION

<b>WARRANTY**15,16</b>	4-year ProSupport Plus with Next Business Day on-site service 5-year ProSupport Plus with Next Business Day on-site service
<b>ACCIDENTAL DAMAGE SERVICES</b>	3-year Accidental Damage Service 4-year Accidental Damage Service 5-year Accidental Damage Service
<b>KEYBOARD**</b>	Backlit keyboard with fingerprint reader
<b>PORTS</b>	(4) Thunderbolt™ 4 (USB Type-C™) with DisplayPort and Power Delivery Universal audio jack  Also ships with USB 3.2 Type-A and HDMI dongle
<b>SLOTS</b>	SD-card slot Wedge-shaped lock slot
<b>DIMENSIONS</b>	<b>US:</b> Height (front): 0.34in. (8.67mm) Height (peak): 0.77in. (19.54mm) Height (rear): 0.51in. (13.15mm) Width: 14.74in. (374.48mm) Depth: 9.76in. (248.08mm) Weight (maximum): 5.67lbs. (2.57Kg) Weight (minimum): 4.79lbs (2.17Kg) Resolution: Horizontal 1770, Vertical 1039 Dimensions: Horizontal 150.9mm, Vertical 90mm
<b>CAMERA</b>	Camera 720p 30fps HD RGB IR camera Digital-array microphones
<b>AUDIO &amp; SPEAKERS**</b>	Stereo woofer 2W x 2 and stereo tweeter 2.5W x 2 = 5W total peak
<b>WIRELESS</b>	Intel® AX211, 2x2 MIMO, 2400Mbps, 2.4GHz/5GHz, Wi-Fi 6 (Wi-Fi 802.11ax), Bluetooth 5.2
<b>BATTERY OPTIONS</b>	3-cell, 56Wh "smart" lithium-ion, ExpressCharge™, integrated 6-cell, 97Wh "smart" lithium-ion, ExpressCharge™, integrated
<b>POWER OPTIONS</b>	90W AC adapter, USB-C (for UMA configuration) 130W AC adapter, USB-C (for discrete configuration)
<b>REGULATORY**17,18</b>	<b>Product Safety, EMC and Environmental Datasheets:</b> <a href="https://www.dell.com/learn/us/en/uscorp1/productinfo-datasheets-safety-emc-environmental">https://www.dell.com/learn/us/en/uscorp1/productinfo-datasheets-safety-emc-environmental</a>  <b>Dell Regulatory Compliance Home Page:</b> <a href="https://www.dell.com/learn/us/en/uscorp1/regulatory-compliance?s=corp">https://www.dell.com/learn/us/en/uscorp1/regulatory-compliance?s=corp</a>  <b>Dell and the Environment:</b> <a href="https://corporate.delltechnologies.com/en-us/socialimpact/advancing-sustainability/sustainable-supplychain/environment.htm">https://corporate.delltechnologies.com/en-us/socialimpact/advancing-sustainability/sustainable-supplychain/environment.htm</a>
<b>CHIPSET</b>	Intel® Alder Lake H45
<b>INTEL RESPONSIVENESS TECHNOLOGIES</b>	Identity Protection Technology 2012 (IPT) Smart Sound Technology
<b>HARDWARE SECURITY</b>	Trusted Platform Module (TPM) 2.0 FIPS 140-2 Certified Chassis Intrusion Detection wedge-shaped lock slot
<b>DOCKING</b> <i>(SOLD SEPARATELY)</i>	Dell Thunderbolt™ Dock - WD19TBS Dell Thunderbolt™ 4 Dock - WD22TB4
<b>MULTIMEDIA</b> <i>(SOLD SEPARATELY)</i>	Dell 7-in-1 USB-C Multiport Adapter - DA310 Dell Mobile Adapter Speakerphone - MH3021P Dell Premier Wireless ANC Headset - WL7022 HTC VIVE Cosmos 3D VR Headset
<b>INPUT</b> <i>(SOLD SEPARATELY)</i>	3Dconnexion SpaceMouse Wireless - 3DX-700066 Dell Premier Multi-Device Wireless Keyboard and Mouse - KM7321W Dell Premier Rechargeable Wireless Mouse - MS7421W Dell UltraSharp 27 USB-C HUB Monitor - U2722DE Dell UltraSharp 38 Curved USB-C HUB Monitor - U3821DW Wacom Cintiq Pro 24 Creative Pen Display Touch - DTH-2420
<b>SENSORS</b>	Accelerometer (ST Micro LIS2DW12TR): on the base (system board) ALS for Panel Backlight Control Single Proximity sensor - on upper bezel
<b>SYSTEMS MANAGEMENT</b>	OMCI (Advanced Asset Management) CCTK (Remote BIOS Configuration) SCCM (Updated BIOS, Drivers) Dell Deployment Pack (SCCM Image Integration) Dell OpenManage Essentials (OME) Dell Client System Update (DCSU) Dell Web-Based 1-1 Update Dell Update Catalog Dell Command   Intel® vPro™ Out of Band (DCIV)

## Sustainability on Dell Precision workstations

Leading the industry in sustainable practices in our products, packaging and supply chain.

### PRECISION LEADS THE WORKSTATION INDUSTRY IN SUSTAINABLE DESIGN AND MATERIALS.



#### Design

# 1st

Workstations made with reclaimed carbon fiber and renewable bioplastic<sup>9</sup>.

#### Sustainable Materials

# up to 46%

Recycled plastic in fixed workstations. Up to 17% in mobile workstations.

#### Packaging Innovation

# 25%

Ocean-bound plastic trays in Precision 5000 Series packaging.

### PRECISION HAS

# 19

EPEAT registered products<sup>10</sup>



# 16

TCO 8 certified configurations



# 8.0

ENERGY STAR<sup>®</sup> throughout the portfolio



\* Based on internal analysis, April 2021. Dell Optimizer available in 2020 devices, not available in OptiPlex 3000 series, Latitude 3310 2-in-1 and Latitude Chromebook Enterprise. Feature availability and functionality varies by model.

1 Based on Dell internal analysis of competitive PC performance software and applications. September 2021. Intelligent Privacy is available on select Dell systems and devices.

2 Available on Latitude 9000 and select 7000 series; Precision mobile workstations 7000 and select 5000 series. See product details for availability.

3 ExpressConnect available with Dell Optimizer software version 2.0 and onwards. Download the latest at <https://www.dell.com/support/home>.

4 Disclaimer: Simultaneous multi-network connection (or Connection based teaming) is a new connectivity feature under ExpressConnect. It simultaneously sends and receives data and video traffic using two or more wired or wireless connections. Based on Dell internal analysis.

5 Best network selection based on signal strength, channel congestion, router type and others. Network suggestions based on user credentials.

6 ExpressResponse must be enabled in the Applications feature. DO learns how user uses the selected application(s) over several hours. Based on Dell testing using Sysmark 2018 benchmark on a Latitude system running productivity applications; and using performance evaluation benchmarks on Precision mobile workstations running ISV applications, March 2020. Improvement will vary based on product configuration, use, application and other factors.

7 User must input preferred apps first in order for them to be analyzed.

8 Based on a Forrester Study commissioned by Dell Technologies and Intel: "The Total Economic Impact of Dell's PC as a Service", November 2020 <https://www.delltechnologies.com/asset/en-us/solutions/business-solutions/industry-market/forrester-the-total-economic-impact-of-dells-pc-as-a-service.pdf>.

9 Based on Dell analysis, Jan 2021. 21% bioplastics in LCD coverlid.

10 EPEAT registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.

11 Offering may vary by region. Some items may be available after product introduction. For complete details, refer to the Technical Guidebook published on [www.dell.com/support](http://www.dell.com/support).

12 System Memory and Graphics: Significant system memory may be used to support graphics, depending on system memory size and other factors.

13 4GB or Greater System Memory Capability: A 64-bit operating system is required to support 4GB or more of system memory.

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

15 Limited Hardware Warranty: For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see [www.dell.com/warranty](http://www.dell.com/warranty).

16 On-site 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](http://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.

17 Please refer to [www.epeat.net](http://www.epeat.net) for specific country registration rating and participation.

18 For complete listing of declarations and certifications, refer to the Dell Regulatory and Environmental Datasheet found in the Manuals section of Product Support information [www.dell.com/support/home/us/en/19](http://www.dell.com/support/home/us/en/19).