PRECISION
5570

Where the magic happens

DELLTechnologies

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Where the magic happens

The smallest & thinnest 15" workstation with AI-based optimization

IR camera with Proximity sensor (ExpressSign-in)

Dual microphones

Up to UHD+, 16:10 display with PremierColor, Touch and ComfortView Plus (low blue light technology) options

Top-firing speakers

15", 4-sided InfinityEdge bezel

Bottom-facing subwoofers

Backlit Pro 2.5 keyboard

Fingerprint reader, Windows Hello capable

Carbon fiber palmrest

Large clickpad
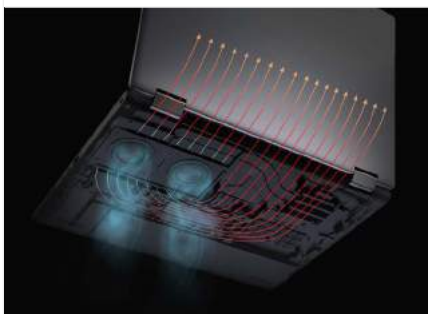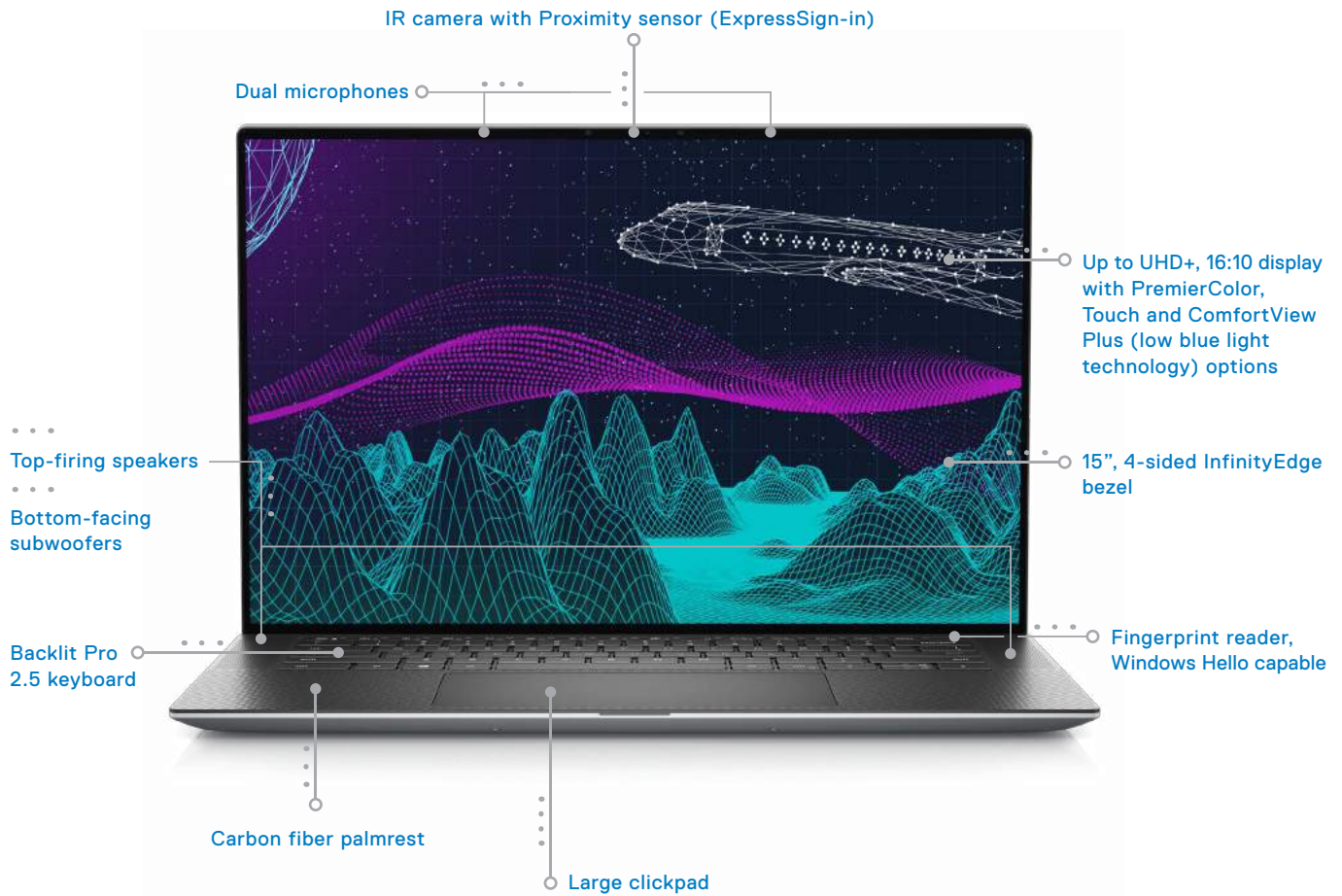
Titanium Gray aluminum cover

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

Advanced Thermals
(Illustration only, not the 5570)

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 4.06lbs / 1.84kg

▶ Click here to view 360° product demo.

Intelligent performance

Up to Intel Core i9, 14 Core (6P + 8E) (45W), vPro options, up to 8GB NVIDIA RTX A2000 graphics, Gen4 M.2 SSD (4TB), RAID support, up to 64GB of 4800MHz DDR5 memory, (2) Thunderbolt 4 (with power-in), Type C USB 4
...
Dell Optimizer for Precision
...
Advanced thermals

Immersive productivity and design

Backlit keyboard, Large touchpad
...
15", 16:10 InfinityEdge display, up to HDR400 UHD+, 99% DCI-P3, 500nits, PremierColor, with ComfortView Plus, Touch options
...
Intel WiFi 6E 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

Dell Optimizer for Precision
We make it intelligent. You make it yours.

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[6] 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[1]. 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[2] – 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[3] provides the world's first simultaneous multi-network connection for faster data and video downloads[4]. It also enables joining the best network[5] available and prioritizes traffic for conferencing apps, wherever you work.

Improved performance
ExpressResponse[6] analyzes how you use your preferred apps[7] 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.
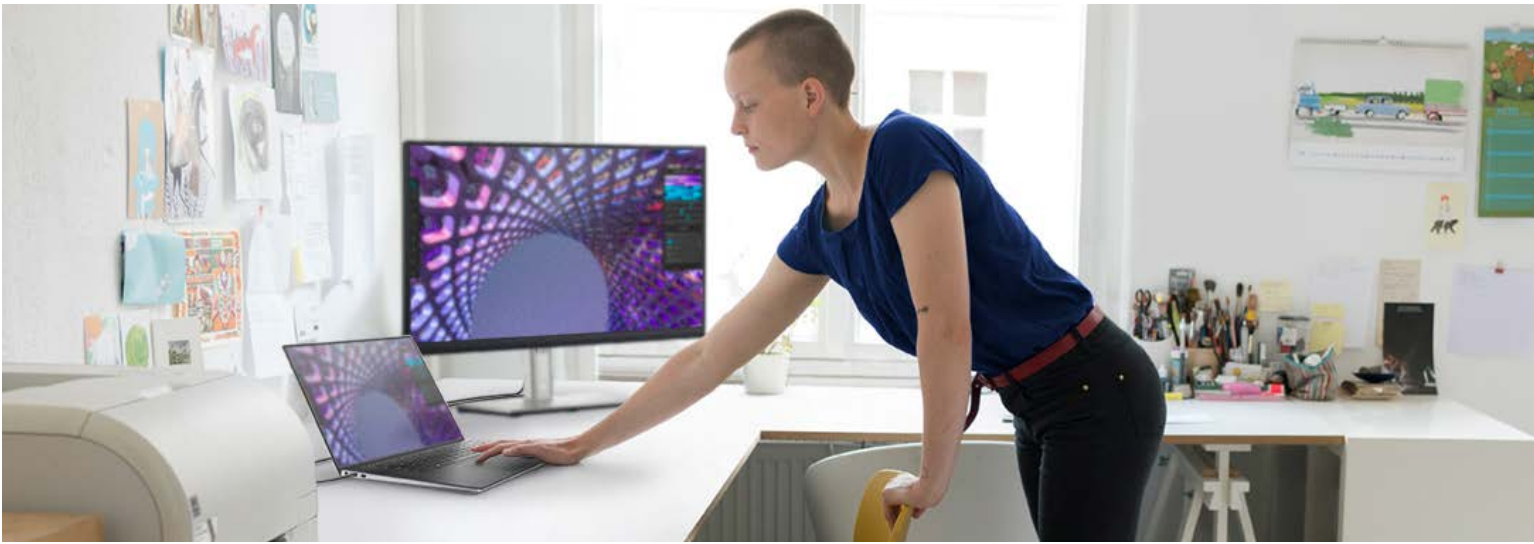
RECOMMENDED ACCESSORIES

Dell UltraSharp 34 Curved USB-C Hub Monitor - U3421WE

Get immersive productivity on a 34" WQHD curved monitor with a wide color coverage and extensive connectivity including RJ45, USB-C and quick-access front ports.

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 Mobile Adapter Speakerphone - MH3021P

Multiport adapter with integrated speakerphone offers an all-in-one connectivity and conferencing solution.

Dell Pro Hybrid Briefcase Backpack 15 - PO1521HB

It's made with Dell's EcoLoop™ solution dyeing that generates up to 90% less wastewater, produces 62% less CO2 emissions and up to 29% less energy than traditional dyeing processes.

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.

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FEATURE	TECHNICAL SPECIFICATION
MODEL NUMBER	Precision 5570
PROCESSOR OPTIONS	Intel® Core i9-12900HK, 24MB, 14 Cores, 2.50GHz
	Intel® Core i9-12900H, 24MB, 14 Cores, 2.50GHz, vPro
	Intel® Core i7-12800H , 24MB, 14 Cores, 2.40GHz, vPro
	Intel® Core i7-12700H, 24MB, 14 Cores, 2.30GHz
	Intel® Core i5-12600H, 18MB, 12 Cores, 2.70GHz, vPro
	Intel® Core i5-12500H, 18MB, 12 Cores, 2.50GHz
OPERATING SYSTEM	Windows 11 Home, 64-bit
	Windows 11 Pro, 64-bit
	Win 11 Pro DGR
	Ubuntu 20.04
	RHEL
MEMORY OPTIONS	8GB, 1 x 8GB, DDR5, 4800MHz, single-channel
	16GB, 2 x 8GB, DDR5, 4800MHz, dual-channel
	32GB, 2 x 16GB, DDR5, 4800MHz, dual-channel
	64GB, 2 x 32GB, DDR5, 4800MHz, dual-channel
GRAPHIC CARDS	NVIDIA® RTX™ A1000 Laptop, 4GB, GDDR6
	NVIDIA® RTX™ A2000 Laptop, 8GB, GDDR6
INTEGRATED VIDEO CONTROLLER	Intel® Iris® Xe Graphics, USB Type-C port with DisplayPort Alt mode and Thunderbolt 4, Shared system memory, 12th Generation Intel Core i5/i7/i9
STORAGE OPTIONS	M.2 2230, 256GB, PCIe NVMe Gen4 x4, Class 35 SSD
	M.2 2280, 512 GB, PCIe NVMe Gen4 x4, Class 40 SSD
	M.2 2280, 1TB, PCIe NVMe Gen4 x4, Class 40 SSD
	M.2 2280, 2TB, PCIe NVMe Gen4 x4, Class 40 SSD
	M.2 2280, 4TB, PCIe NVMe Gen4 x4, Class 40 SSD
	M.2 2280, 512GB, PCIe NVMe Gen4 x4, Class 40 SSD, self-encrypting drive
	M.2 2280, 1TB, PCIe NVMe Gen4 x4, Class 40 SSD, self-encrypting drive
MEDIA-CARD READER	Secure Digital (SD)
	Secure Digital High Capacity (SDHC)
	Secure Digital Extended Capacity (SDXC)
FINGERPRINT READER	Sensor resolution: 500DPI
DIMENSIONS & WEIGHT	Front: 7.7mm, (.30in)
	Rear: 11.65mm, (0.46in)
	Width: 344.4mm, (13.6in)
	Depth: 230.3mm, (9in)
	Weight (maximum): 2.1kg, (4.6lbs)
	Weight (minimum): 1.88kg, (4.1lbs)
TOUCHPAD	Resolution: Horizontal 1770, Vertical 1039
	Dimensions: Horizontal 150.9mm, Vertical 90mm
AUDIO	4 Channel High Definition Audio
	Realtek ALC3281
	Supported stero conversion
	High definition audio interface
	Universal Audio Jack
	2 Speakers
	Supported internal speaker amplifier
	Keyboard shortcut controls
	Tweeters (2 x 2W); Woofers (2 x 2W)
	2.5W x 4 = 10W
	Supported subwoofer output
	Digital-array microphones
WIRELESS	Intel® AX211, 2x2 MIMO, 2400 Mbps, 2.40GHz/5GHz
	Wi-Fi 802.11a/b/g
	Wi-Fi 4 (WiFi 802.11n)
	Wi-Fi 5 (WiFi 802.11ac)
	Wi-Fi 6 (802.11ax)
	Wi-Fi 6E (802.11ax)
	64-bit/128-bit WEP
	AES-CCMP
	TKIP
	Bluetooth® 5.2
BATTERY OPTIONS	3-cell, 56 Wh "smart" lithium-ion, 13.2V, 0.255kg,
	Height: 7.56mm
	Width: 77.7mm
	Depth: 295.2mm
	2hr (Express charge), 3hr (Standard charge)
	1 year/300 cycles, Supported ExpressCharge
	6-cell, 86 Wh "smart" lithium-ion, 13.2V or 13.35V, 0.340kg,
	Height: 7.56mm
	Width: 77.7mm
	Depth: 295.2mm
	2hr (Express charge), 3hr (Standard charge)
	1 year/300 cycles, Supported ExpressCharge

FEATURE	TECHNICAL SPECIFICATION
DISPLAY OPTIONS	Full High Definition (FHD+), Non-Touch
	Wide Viewing Angle (WVA)
	500 nits
	Native resolution: 1920 x 1200
	2.3 Megapixels
	sRGB 100%
	145 PPI
	Contrast ratio (minimum): 1650:1 (typical)
	Response time (maximum): 35ms
	Refresh rate: 60Hz
	Horizontal viewing angle: +/- 89 degrees
	Vertical viewing angle: +/- 89 degrees
	Pixel pitch: 0.1752mm
	Anti-glare
	WLED UHD+ Touch
	Wide Viewing Angle (WVA)
	500 nits
	Native resolution; 3840 x 2400
	9.2 Megapixels
	100% AdobeRGB, 99% DCI-P3
	290 PPI
	Contrast ratio (minimum): 1600:1 (typical)
	Response time (maximum): 35ms
	Refresh rate: 60Hz
	Horizontal viewing angle: +/- 89 degrees
	Vertical viewing angle: +/- 89 degrees
	Pixel pitch: 0.0876mm
	Anti-reflective
	Touch support, with 10 touch points
KEYBOARD	Standard Backlit, spill resistant keyboard
POWER OPTIONS	90W UMA
	Height: 22mm
	Width: 66mm
	Depth: 130mm
	Input voltage (maximum): 240VAC
	Input voltage (minimum): 100VAC
	Input frequency maximum): 60Hz
	Input frequency (minimum): 50Hz
	Input current (maximum): 1.5A
	Output current (continuous) 4.5A
	Rated Output Voltage: 20VDC
	130W Discrete & UMA
	Height: 22mm
	Width: 66mm
	Depth: 130mm
	Input voltage (maximum): 240VAC
	Input voltage (minimum): 100VAC
	Input frequency maximum): 60Hz
	Input frequency (minimum): 50Hz
	Input current (maximum): 1.8A
	Output current (continuous) 6.5A
	Rated Output Voltage: 20VDC
CAMERA	HD RGB Camera, front location, CMOS-sensor technology,
	Resolution (RGB): 0.92 megapixel, 1280 x 720 (HD) at 30 fps
	Resolution (Infrared): 0.20 megapixel, 576 x 360 at 15 fps
	Diagonal Viewing angle (RGB): 78.50 degrees
	Diagonal Viewing angle (Infrared): 78.50 degrees
PORTS AND SLOTS	(2) ThunderBolt™ 4 ports with PowerDelivery
	USB Type-C™/ Display port alt
	Universal audio jack
	SD-card slot
	Wedge-shaped lock slot
	Also ships with USB 3.2 Type-A and HDMI dongle

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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[13].

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[14]

→ **EPEAT**

16
TCO 8 certified configurations

→ **TCO**

8.0
ENERGY STAR® throughout the portfolio

→ **ENERGY STAR®**

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