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Small, light 14" form factor with workstation performance features

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Work anywhere with a small, yet powerful workstation.

A powerful workstation with essential processing and graphics power plus high-capacity, fast DDR5 memory. Featuring built-in security and privacy options. Ideal for engineering, federal, finance, research and Microsoft Office power users driven to produce results and strive for efficiency.

Up to FHD IR camera with AI-based proximity sensors, privacy shutter and intelligent noise cancellation

Advanced thermal management, with Dual Opposing Output (DOO) fan and User Selectable Thermal Tables

Up to FHD, 100% sRGB, 400nits, PremierColor. Touch and ComfortView Plus optional. Low-blue-light (LBL) and super low power (SLP).

Starting at 3.3lbs/1.8kg

Optional Finger Reader, integrated with power button Windows Hello capable

Pro2 ID keyboard with backlit optional

Titan Gray, 100% water soluble paint

Large glass-like, multi-touch clickpad

Up to 4-cell 56Whr battery, Long Life Cycle, ExpressCharge and ExpressCharge Boost

WiFi 6E, Bluetooth 5.2

Intelligent performance
Latest professional grade components with up to 12th Gen Intel® Core™ i7 processor, 12 Core (28W), NVIDIA T550 graphics (4G), PCIe M.2 SSD (up to 2TB) storage, and 64GB of 4800MHz DDR5 memory (dual channel).

Wide variety of ports and input connections:
(2) Thunderbolt 4 Type C, (2) USB-A 3.2 Gen 1 (1x power enabled), HDMI 2.0, RJ-45, Headset, uSD card reader, Smart Card (optional), Fingerprint reader (optional).

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ExpressCharge charges 80% in 1 hour+, charging 35% in 20 min++

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Mission critical reliability and Security

Independent Software Vendor (ISV) Certified
This provides peace of mind knowing that Dell works with many independent software vendors (ISVs) to provide an exceptional, seamless user experience. To Dell, it means hundreds of engineering man-hours and rigorous testing that have been poured into Dell Precision™ workstations to optimize performance and reliability with leading industry applications.

For a full list of ISV certifications, click here http://precisionworkstations.com/software-certification-lookup

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Tested to US military specifications to guarantee durability (MIL-STD tested)

...

FIPS certified fingerprint and smartcard readers (optional)

...

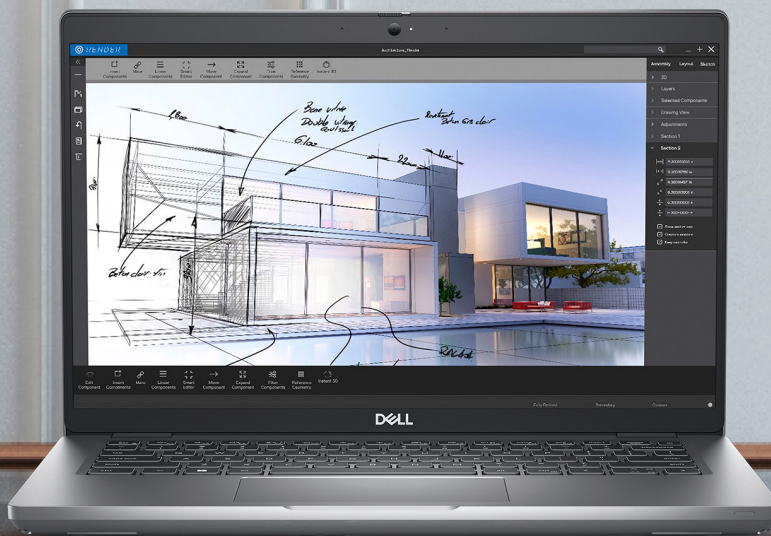Intelligent privacy and enhanced contextual privacy through camera

Advanced productivity

Exceptional battery life helps keep you productive, while ExpressCharge and ExpressCharge Boost gets you recharged quickly.

...

WiFi 6/6.0E and Bluetooth for flexible connectivity options.

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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[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[7]. 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[8] – 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[9] provides the world's first simultaneous multi-network connection for faster data and video downloads[10]. It also enables joining the best network[11] available and prioritizes traffic for conferencing apps, wherever you work.

Improved performance
ExpressResponse[12] analyzes how you use your preferred apps[13] 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 SOLUTIONS

Dell UltraSharp 27 4K USB-C HUB Monitor - U2723QE

Be your most productive on a 27-inch monitor with brilliant color and contrast that features IPS Black technology and a connectivity hub.

Dell Thunderbolt™ 4 Dock - WD22TB4

Experience lightning fast charging and Thunderbolt™ 4 connectivity with this flexible and powerful modular dock.

Dell Pro Wireless Keyboard and Mouse - KM5221W

Enhance your everyday productivity with a quiet full-size keyboard and mouse combo that offers programmable shortcuts and 36 months battery life.[38]

Dell USB-C Mobile Adapter - DA310

Compact and portable 7-in-1 USB-C mobile adapter provides superb video, data connectivity and up to 90W power pass-through to your PC.

Dell Pro Wireless Headset - WL5022

Work from anywhere with this Bluetooth Teams certified headset that lets you switch seamlessly to your PC or smartphone and enjoy crystal clear audio on the go.

Dell Speakerphone - SP3022

Experience rich and clear audio with this intelligent Microsoft Teams certified speakerphone.

Dell EcoLoop Pro Briefcase - CP5623

An eco-conscious briefcase for protection on-the-go.

Dell Mobile Pro Wireless Mouse - MS5120W

Connect your mouse conveniently via 2.4GHz wireless or Bluetooth and enhance your productivity with programmable shortcut buttons.

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

Use Wacom Cintiq Pro 24 Creative Pen Display for absolute harmony with your work. Premium 4K screen with world class color performance, and virtually no parallax, enhance every creative break.

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FEATURE TECHNICAL SPECIFICATION

MODEL NUMBER[14]	Precision 3470
PROCESSOR OPTIONS[14]	12th Generation Intel® vPro® Enterprise with Intel® Core™ i5-1250P, 12MB cache, 12 cores, 16 threads, up to 4.40GHz
	12th Generation Intel® vPro® Essentials with Intel® Core™ i5-1260P, 12MB cache, 12 cores, 16 threads, up to 4.80GHz
	12th Generation Intel® vPro® Enterprise with Intel® Core™ i7-1270P, 18MB cache, 12 cores, 16 threads, up to 4.80GHz
OPERATING SYSTEM[14]	Windows 11 Home, 64-bit
	Windows 11 Pro, 64-bit
	Windows 11 Pro National Academic, 64-bit
	Windows 10 Home, 64-bit
	Windows 10 Pro, 64-bit
	Windows 10 China G-SKU, 64-bit
	Ubuntu® 20.04 LTS, 64-bit
MEMORY OPTIONS[14,15,16]	8GB, 1 x 8GB, DDR5, 4800MHz, single-channel
	16GB, 2 x 8GB, DDR5, 4800MHz, dual-channel
	16GB, 1 x 16GB, DDR5, 4800MHz, single-channel
	32GB, 2 x 16GB, DDR5, 4800MHz, dual-channel
	32GB, 1 x 32GB, DDR5, 4800MHz, single-channel
	64GB, 2 x 32GB, DDR5, 4800MHz, dual-channel
CHIPSET[14]	Integrated with the processor
INTEL RESPONSIVENESS TECHNOLOGIES[14, 17]	Intel® Rapid Storage Technology
GRAPHICS[14,18]	Intel Iris Xe Graphics (Integrated)
	Optional NVIDIA® T550 (4GB) DDR6 Graphics
DISPLAY OPTIONS[14]	14" FHD (1920 x 1080) Anti Glare, 16x9, Non-touch, WVA, 250 nits, 45% NTSC
	14" FHD (1920 x 1080) Anti Glare, 16x9, Touch, WVA, 300 nits, 72%, NTSC
	14" FHD (1920 x 1080) Anti Glare, Non-touch, WVA, Super Low Power, ComfortView Plus Low Blue Light, 400 nits, sRGB 100%
STORAGE OPTIONS[14,16]	M.2 2230, 256GB, PCIe NVMe, SSD, Class 35
	M.2 2230, 512GB, PCIe NVMe, SSD, Class 35
	M.2 2280, 512GB, PCIe NVMe, SSD, Class 40
	M.2 2280, 1TB, PCIe NVMe, SSD, Class 40
	M.2 2280, 2TB, PCIe NVMe, SSD, Class 40
	M.2 2230, 256GB, PCIe NVMe, SSD, Class 35, self-encrypting drive
	M.2 2280, 512GB, PCIe NVMe, SSD, Class 40, self-encrypting drive
SECURITY[14]	TPM 2.0 FIPS 140-2 Certified, TCG Certified
	Optional Windows Hello Compliant Fingerprint Reader in power button
	Optional Security Hardware Authentication Bundles
	Touch Fingerprint Reader (in Power Button) with Control Vault 3.0 Advanced Authentication with FIPS 140-2 Level 3 Certification
	Contacted Smart Card with Control Vault 3.0 Advanced Authentication with FIPS 140-2 Level 3 Certification
	Touch Fingerprint Reader (in Power Button) and Contacted Smart Card with Control Vault 3.0 Advanced Authentication with FIPS 140-2 Level 3 Certification
	Contacted Smart Card, Contactless Smart Card NFC and Control Vault 3.0 Advanced Authentication with FIPS 140-2 Level 3 Certification
	Touch Fingerprint Reader (in Power Button), Contacted Smart Card, Contactless Smart Card NFC and Control Vault 3.0 Advanced Authentication with FIPS 140-2 Level 3 Certification
	Optional Face IR camera (Windows Hello compliant) with ExpressSign-in (Camera Sensing)
	Optional Intelligent Privacy (onlooker detection with screen texturizing and adaptive dimming)
	Camera Shutter
	Optional SafeScreen
	Dell Client Command Suite
	Dell BIOS Verification
	Optional Dell Endpoint Security and Management Software
	VMware Carbon Black Endpoint Standard
	VMware Carbon Black Endpoint Standard + Secureworks Threat Detection and Response
	Dell Encryption Enterprise
	Dell Encryption Personal
	Carbonite
	VMware Workspace ONE
	Absolute Endpoint Visibility and Control
	Netskope
	Dell Supply Chain Defense
DOCKING[14] *(SOLD SEPARATELY)*	Dell Thunderbolt™ Dock- WD19TBS
	Dell Thunderbolt™ Dock - WD22TB4
	Dell Performance Dock - WD19DCS
	Dell USB-C Dock - WD19S

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FEATURE	TECHNICAL SPECIFICATION
MULTIMEDIA[14]	HD Camera, Temporal Noise Reduction, Camera Shutter FHD + IR Camera + Proximity Sensor, Temporal Noise Reduction, Camera Shutter, ExpressSign-in™, Intelligent Privacy, Ambient Light sensor No Camera / No Microphone Options Available (2) High Quality Speakers (2) Noise Canceling Microphones Waves MaxxAudio Pro Intelligent Audio with Neural Noise Cancelation
BATTERY OPTIONS[14,19]	4 cell 64 WHr Polymer , ExpressCharge 1.0™, ExpressCharge Boost™ & Long Life Cycle capable
POWER OPTIONS[14]	90W adapter, Type-C 130W adapter, Type-C
CONNECTIVITY OPTIONS[14]	**Wireless LAN Options[8]:** Intel® Wi-Fi 6E (6GHz) AX211 2x2 + Bluetooth 5.2 Realtek RTL 8822CE 2x2 Wi-Fi 5, Bluetooth 5.0 No wireless card installed option available
PORTS, SLOTS & CHASSIS[14]	(2) USB Type C Thunderbolt™ 4.0 with Power Delivery & DisplayPort (2) USB-A 3.2 Gen (1 with Power share) HDMI 2.0 uSD 4.0 Memory card reader Contacted SmartCard Reader (optional) Touch Fingerprint Reader in Power Button (optional) Universal Audio Jack Wedge Shaped Lock slot RJ45
DIMENSIONS & WEIGHT[14,20]	Width: 12.65" / 321.35mm Height: 0.82" / 20.95mm Depth: 8.35" / 212mm Screen to Body: 82.1% Starting Weight: 3.30lbs / 1.49kg
REGULATORY AND ENVIRONMENTAL COMPLIANCE[14]	Regulatory Model Number: P137G Regulatory Type Number: P137G007 (Iris Xe graphics) / P137G008 (Discrete graphics) ENERGY STAR compliant configurations available EPEAT Gold Registered. For specific country participation and rating, please see www.epeat.net TCO compliant configurations available Trade Agreements Acts (TAA) configurations available Halogen-Free / Arsenic-Free BFR / PVC free[21]
INPUT[14]	Optional 10-Finger Touch Display Glass-like Clickpad Spill Resistant Non-Backlit Keyboard Spill Resistant Backlit Keyboard
SYSTEMS MANAGEMENT[14]	Intel® vPro™ Technology (iAMT 12) (optional, requires Intel WiFi® Link WLAN and a vPro compatible processor), Dell Client Command Suite available (dell.com/command), Factory Installed Dell Client Command	Update, Dell Command	Power Manager	Dell Optimizer
WARRANTY AND SERVICE[14]	Limited Hardware Warranty[22], Standard 3 year Mail-in Service after Remote Diagnosis[23], optional 3, 4 and 5 year hardware warranty extensions, and 3-5 year Dell ProSupport contracts available.[24]
PERIPHERAL ECOSYSTEM[14]	Wide range of accessories designed and tested for the Precision 3470 enable productivity when working remote, on the go or in the office.
SUSTAINABILITY	Biobased material in rubber feet and lid Post-consumer recycled plastic in lid, palmrest, fan housing, inner frame. Recycled Carbon Fiber in the lid and bottom cover Packaging made from 100% recycled or renewable materials

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[4].

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[5]

→ **EPEAT**

16

TCO 8 certified configurations

→ **TCO**

8.0

ENERGY STAR® throughout the portfolio

→ **ENERGY STAR®**

* 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 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 wired or wireless connections. Based on Dell internal analysis, September 2021.

2 Based on Dell internal analysis, November 2021.

3 Based on Dell internal analysis, November 2021.

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

5 EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

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

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

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

10 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.

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

10 4G LTE antenna and 5G available only at time of system purchase. Mobile Broadband Subject to service provider's broadband subscription and coverage area; additional charges apply.

11 Mail-in 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) 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.

12 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

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

14 Offering may vary by country and by configuration and Operating System.

15 A 64-bit operating system is required to support 4GB or more of system memory.

16 GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.16 Based on Dell internal analysis, October 2021.

17 Intel Rapid Storage Technology requires a HDD, mSATA, or an SSD, as primary storage device. See OS requirements

18 GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors.

19 The stated Watt Hour (WHr) is not an indication of battery life.

20 Weights vary depending on configuration and manufacturing variability.

21 Dell Latitude 5431, 5531 are brominated flame retardant free (BFR-free) and polyvinyl chloride free (PVC-free); meeting the definition of BFR-/PVC-free as set forth in the iNEMI Position Statement on the 'Definition of Low-Halogen Electronics (BFR-/CFR-/PVC-free)'. Plastic parts contain less than 1,000 ppm (0.1%) of bromine (if the Br source is from BFRs) and less than 1,000 ppm (0.1%) of chlorine (if the Cl source is from CFRs or PVC or PVC copolymers). All printed circuit board (PCB) and substrate laminates contain bromine/chlorine total less than 1,500 ppm (0.15%) with a maximum chlorine of 900 ppm (0.09%) and maximum bromine being 900 ppm (0.09%).

22 Limited Hardware Warranty: For copy of Limited Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty

23 Onsite 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) 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.

24 Dell Services: Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicedescriptions.

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