



PRECISION

# 5860 TOWER

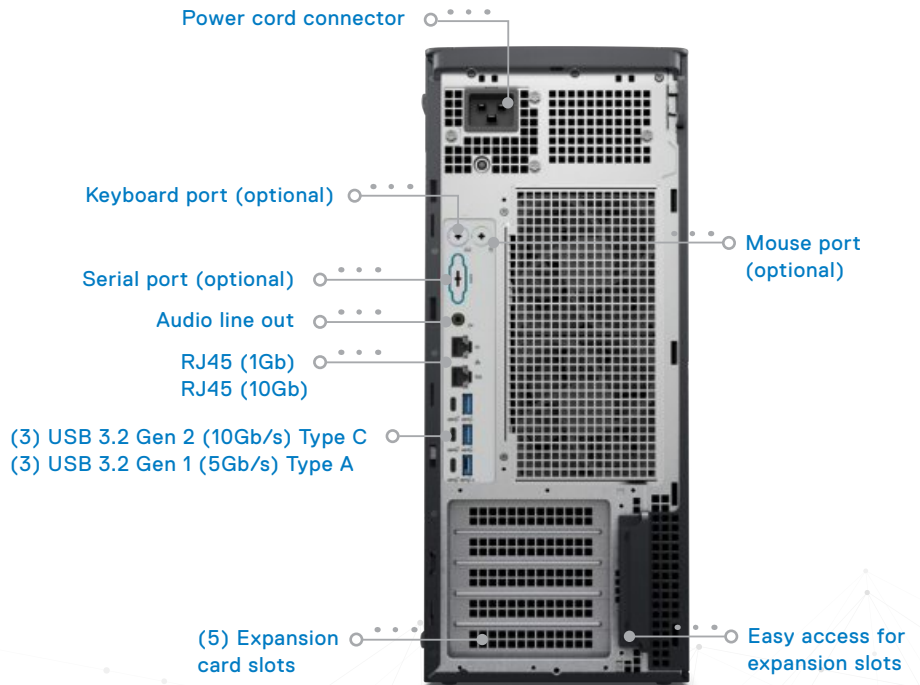
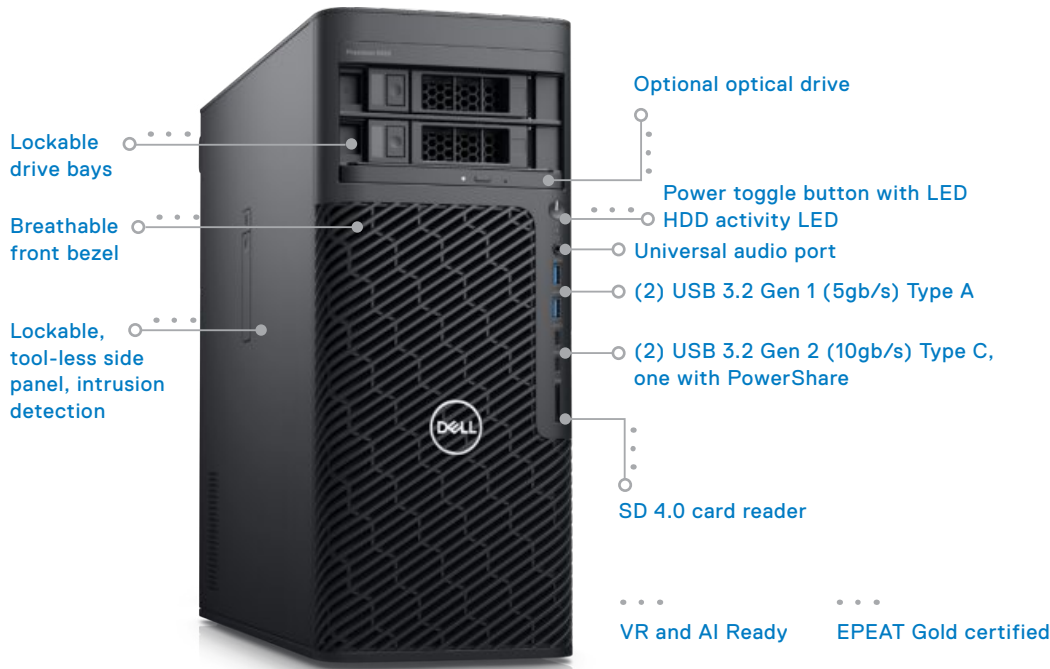
Scalable performance  
in a mid-sized tower.



# 5860 TOWER

Scalable performance in a mid-sized tower

Keep pace with accelerated project timelines and fluctuating workload requirements with a scalable mid-sized tower



# 5860 TOWER



## Intelligent performance

Up to Intel® Xeon® W7-2495X,  
 (2) AMD or NVIDIA pro graphics,  
 56TB storage, 2TB of 4800MHz  
 (DDR5) memory, 1350W power  
 supply  
 ...  
 Advanced Thermals  
 ...  
 Dell Optimizer for Precision



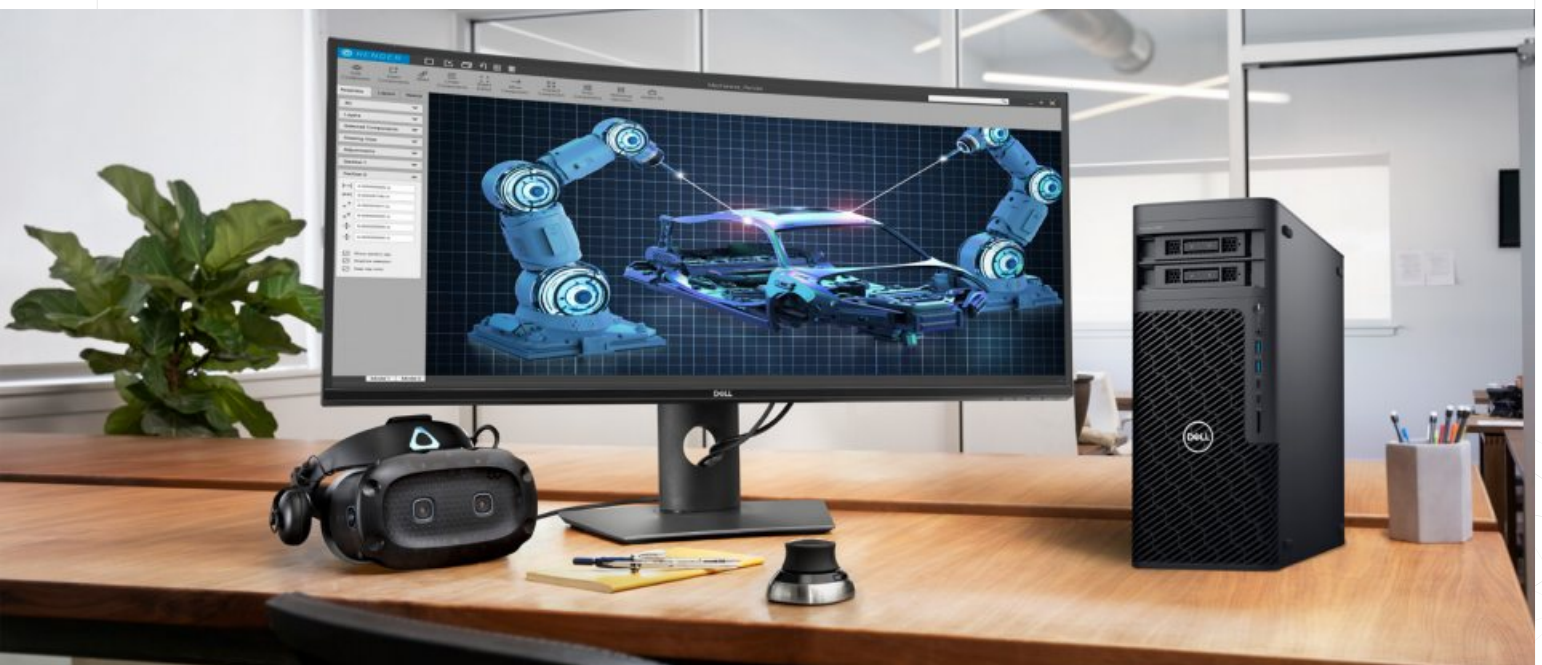
## User experience

Reduced chassis size, back  
 carrying handles  
 ...  
 High-speed front I/O (USB  
 3.2 Gen 2/ 2x2), Legacy port  
 package includes Serial + (2) PS2  
 ...  
 Dual network ports: 1G + 10G  
 ...  
 5x PCIe slots



## Mission critical reliability and security

ISV Certifications  
 ...  
 ECC and RMT Pro options  
 ...  
 Advanced thermals  
 (dedicated air channels for  
 components)  
 ...  
 TPM 2.0, lockable chassis  
 with intrusion detection, self  
 encrypting drives





## RECOMMENDED ACCESSORIES



**Dell UltraSharp 32 HDR PremierColor Monitor - UP3221Q**

Create phenomenal 4K HDR content on the world's first professional monitor with 2K mini-LED direct backlit dimming zones.\*



**Dell UltraSharp 27 Monitor - U2722D**

Elevate your productivity on this innovative 27-inch QHD Hub monitor with a wide color coverage including DCI-P3. Features ComfortView Plus an always-on built-in low blue light screen, USB-C with up to 90W power delivery, and RJ45 connectivity.



**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 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.



**3Dconnexion SpaceMouse Pro Wireless - 3DX-700075**

SpaceMouse® Pro Wireless offers professional 3D navigation, advanced ergonomic design, reliable connectivity with a high performance Universal Receiver and much more with up to two months of battery life.



**Dell UltraSharp Webcam - WB7022**

Elevate your video conferencing experience on this powerful, intelligent 4K webcam that optimizes your visuals with a large 4K Sony STARVIS™ CMOS sensor and AI Auto-Framing.

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

In a work-from-anywhere world, powering the world's most intelligent business PCs\* is not enough, Dell Optimizer is extending personalized intelligence to the rest of the Dell ecosystem.

Dell Optimizer lets you accomplish anything with built-in intelligence that learns and adapts to the way you work.



Power your productivity with personalized performance extending from your Precision to the devices within your workspace.



#### An intelligent ecosystem

Enjoy easy pairing and management of your Dell monitors and accessories with the **integration of Dell Display Manager and Dell Peripheral Manager**.



#### Intelligent analytics

Get full workload analysis to enable users to track system resource utilization for components such as processor, memory, graphics, and hard drive while you run your specific workload.



#### Improved app performance

**ExpressResponse** analyzes how you use your preferred apps to boost performance.



#### Intelligent privacy anywhere

This technology lets you texturizes your screen when an intruder is detected and dims your PC when you look away. It also wakes your PC when your approach and locks it when you walk away.



#### Unmatched connectivity

**ExpressConnect\*** provides the world's first simultaneous multinet network connection\* that joins the best network\* available.

With Dell Optimizer, optimization and data collection follow a stringent process to ensure your privacy and security.

[Click here to learn more about Dell Optimizer.](#)



#### Up level audio

**Intelligent Audio** delivers sound and mic enhancements reducing background noise using neural noise cancellation and voice isolation technology.



#### Extended power

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

\* Based on Dell Analysis, October 2022. For more details visit Guide to Bluetooth Security <https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-121r2-upd1.pdf> Dell Pair is available on select Dell accessories.

## Precision workstations

Dell Precision fixed and mobile workstations are designed with the environment in mind, using sustainable materials in our products and packaging wherever possible.



### Design

1st

Workstations made with reclaimed carbon fiber and renewable bioplastic<sup>12</sup>.

### Sustainable Materials

up to 61%

Recycled plastic in fixed workstations and up to 21% in mobile workstations<sup>13</sup>. Oceanbound plastic is also used in the components of select Precisions<sup>14</sup>.

### Packaging Innovation

100%

Precision mobile workstations ship in packaging made from 100% recycled or renewable materials and is 100% recyclable<sup>15</sup>.

## ECOLABELS

35+

EPEAT registered products<sup>16</sup>



8.0

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



PRECISION

# 5860 TOWER

## FEATURE TECHNICAL SPECIFICATION

<b>MODEL NUMBER</b>	Precision 5860 Tower
<b>PROCESSOR OPTIONS<sup>1</sup></b>	Intel® Xeon® w3-2423, 15MB cache, 6 cores, 2.1GHz to 4.2GHz Intel® Xeon® w3-2425, 15MB cache, 6 cores, 3.0GHz to 4.4GHz Intel® Xeon® w3-2435, 22.5MB cache, 8 cores, 3.1GHz to 4.5GHz Intel® Xeon® w5-2445, 26.25MB cache, 10 cores, 3.1GHz to 4.6GHz Intel® Xeon® w5-2455X, 30MB cache, 12 cores, 3.2GHz to 4.6GHz Intel® Xeon® w5-2465X, 33.75MB cache, 16 cores, 3.1GHz to 4.7GHz Intel® Xeon® w7-2475X, 37.5MB cache, 20 cores, 2.6GHz to 4.8GHz Intel® Xeon® w7-2495X, 45MB cache, 24 cores, 2.5GHz to 4.8GHz
<b>OPERATING SYSTEM<sup>1</sup></b>	Windows 11 Pro Downgrade (Windows 10 Pro Image-factory installed) Windows 10 CMIT Government Edition, 64-bit (China only) Windows 11 Pro for Workstations Windows 10 Pro for Workstations Downgrade Ubuntu® 22.04 LTS, 64-bit Red Hat® Enterprise Linux® 8.6  <b>Post product launch:</b> NeoKylin
<b>MEMORY OPTIONS<sup>1,2,3</sup></b>	16GB, 1 x 16GB, DDR5 SPR, 1 DPC, 4800MHz 32GB, 2 x 16GB, DDR5 SPR, 1 DPC, 4800MHz 64GB, 4 x 16GB, DDR5 SPR, 1 DPC, 4800MHz 96GB, 6 x 16GB, DDR5 SPR, 2 DPC, 4400MHz 128GB, 8 x 16GB, DDR5 SPR, 2 DPC, 4400MHz  32GB, 1 x 32GB, DDR5 SPR, 1 DPC, 4800MHz 64GB, 2 x 32GB, DDR5 SPR, 1 DPC, 4800MHz 128GB, 4 x 32GB, DDR5 SPR, 1 DPC, 4800MHz 192GB, 6 x 32GB, DDR5 SPR, 2 DPC, 4400MHz 256GB, 8 x 32GB, DDR5 SPR, 2 DPC, 4400MHz  64GB, 1 x 64GB, DDR5 SPR, 1 DPC, 4800MHz 128GB, 2 x 64GB, DDR5 SPR, 1 DPC, 4800MHz 256GB, 4 x 64GB, DDR5 SPR, 1 DPC, 4800MHz 384GB, 6 x 64GB, DDR5 SPR, 2 DPC, 4400MHz 512GB, 8 x 64GB, DDR5 SPR, 2 DPC, 4400MHz  Post product launch 128GB, 1 x 128GB, DDR5 SPR, 1 DPC, 4800MHz 256GB, 2 x 128GB, DDR5 SPR, 1 DPC, 4800MHz 512GB, 4 x 128GB, DDR5 SPR, 1 DPC, 4800MHz 768GB, 6 x 128GB, DDR5 SPR, 2 DPC, 4400MHz 1TB, 8 x 128GB, DDR5 SPR, 2 DPC, 4400MHz  256GB, 1 x 256GB, DDR5 SPR, 1 DPC, 4800MHz 512GB, 2 x 256GB, DDR5 SPR, 1 DPC, 4800MHz 1TB, 4 x 256GB, DDR5 SPR, 1 DPC, 4800MHz 1.5TB, 6 x 256GB, DDR5 SPR, 2 DPC, 4400MHz 2TB, 8 x 256GB, DDR5 SPR, 2 DPC, 4400MHz
<b>STORAGE OPTIONS<sup>1,5</sup></b>	3.5-inch, 1TB, 7200 RPM, SATA, HDD 3.5-inch, 2TB, 7200 RPM, SATA, Enterprise HDD 3.5-inch, 4TB, 7200 RPM, SATA, Enterprise HDD 3.5-inch, 8TB, 7200 RPM, SATA, Enterprise HDD 3.5-inch, 12TB, 7200RPM, Enterprise HDD 2.5-inch, 500GB, 7200 RPM, SATA, HDD 2.5-inch, 600GB, 15K RPM, SAS Enterprise HDD 2.5-inch, 1.2TB, 10K RPM, SAS Enterprise HDD 2.5-inch, 2.4TB, 10K RPM, SAS Enterprise HDD 2.5-inch, 1.92TB, SATA MU SSD M.2 2230, 256GB, PCIe NVMe Gen4 x4, SSD, Class 35 M.2 2280, 512GB, PCIe NVMe Gen4 x4, SSD, Class 40 M.2 2280, 1TB, PCIe NVMe Gen4 x4, SSD, Class 40 M.2 2280, 2TB, PCIe NVMe Gen4 x4, SSD, Class 40 M.2 2280, 4TB, PCIe NVMe Gen4 x4, SSD, Class 40 M.2 2280, 512GB, PCIe NVMe Gen4 x4, SSD, Self-Encrypting, Opal 2.0, FIPS M.2 2280, 1TB, PCIe NVMe Gen4 x4, SSD, Self-Encrypting, Opal 2.0, FIPS
<b>GRAPHICS</b>	<b>NVIDIA:</b> NVIDIA® RTX™ A6000, 48GB GDDR6 NVIDIA® RTX™ A5500, 24GB GDDR6 NVIDIA® RTX™ A4500, 20GB GDDR6 NVIDIA® RTX™ A4000, 16GB GDDR6 NVIDIA® RTX™ A2000, 12GB GDDR6 NVIDIA® T1000, 8GB GDDR6 NVIDIA® T400, 4GB GDDR6 NVIDIA® GV100, 32GB HBM2  <b>AMD:</b> AMD Radeon™ Pro W6800, 16GB GDDR6 AMD Radeon™ Pro W6600, 8GB GDDR6  <b>Post product launch</b> AMD Radeon™ Pro W6300, 4GB GDDR6 AMD Radeon™ Pro W6400, 4GB GDDR6

## FEATURE TECHNICAL SPECIFICATION

<b>PRODUCTIVITY SOFTWARE<sup>1</sup></b>	Microsoft Office Home and Business Commercial Microsoft Office 2021 Professional Commercial Dell Optimizer for Precision
<b>SECURITY SOFTWARE</b>	McAfee® Small Business Security 30-day free trial McAfee® Small Business Security 12-month subscription McAfee® Small Business Security 36-month subscription Dell Encryption Personal Dell Encryption Enterprise
<b>WARRANTY<sup>3,6,0</sup></b>	3-year Basic warranty with hardware service with on-site/in-home service after remote diagnosis 4-year Basic warranty with hardware service with on-site/in-home service after remote diagnosis 5-year Basic warranty with 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 for Client with Next Business Day on-site service 4-year ProSupport Plus for Client with Next Business Day on-site service 5-year ProSupport Plus for Client 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>PORTS</b>	<b>Front:</b> (2) USB 3.2 Gen 1 ports USB 3.2 Gen 2 Type-C port with PowerShare USB 3.2 Gen 2 Type-C port Universal audio port SD-card slot  <b>Rear:</b> (3) USB 3.2 Gen 2 Type-C ports (2) USB 3.2 Gen 1 ports USB 3.2 Gen 1 port with Smart Power On RJ45 Ethernet port, 1GBE RJ45 Ethernet port, 10GBE Line-out port Serial port (optional) (2) PS2 ports (optional)
<b>OPTICAL DRIVE</b>	<b>Optional - only on computers with ODD</b> 8x DVD-ROM 9.5mm optical drive 8x DVD+/-RW 9.5mm optical drive 16x DVD+/-RW half-height optical drive
<b>SLOTS</b>	Full-height Gen5 PCIe x16 slot Full-height Gen4 PCIe x16 slot (2) Full-height Gen4 PCIe x8 slot open-ended Full-height Gen4 PCIe x8 slot (x4 electrical) open-ended (2) M.2 2230/2280 slots for PCIe NVMe Gen4 SSD (2) SATA slots for 2.5/3.5-inch HDD/SSD (2) Externally facing storage flexbays
<b>DIMENSIONS</b>	<b>US:</b> Height: 16.29in. (414mm) /16.45in. (417.90mm) with rubber-foot protruding Width: 6.79in. (172.60mm) /6.94in. (176.50mm) with rubber-foot protruding Depth: 16.90in. (429.60mm) /17.79in. (452.10mm) with lock-structure protruding  Weight: Maximum: 47.80lb (21.70kg) Minimum: 31.70lb (14.40kg)  <b>Rest of the world:</b> Height: 414mm (16.29in.) / 417.90mm (16.45in.) with rubber-foot protruding Width: 172.60mm (6.79in.) /176.50mm (6.94in.) with rubber-foot protruding Depth: 429.60mm (16.90in.) / 452.10mm (17.79in.) with lock-structure protruding  Weight: Maximum: 21.70kg (47.80lb) Minimum: 14.40kg (31.70lb)

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## FEATURE TECHNICAL SPECIFICATION

<b>AUDIO &amp; SPEAKERS<sup>1</sup></b>	Realtek Audio Controller, ALC3246-CG Single Universal Audio Jack on Front panel One line out jack on Rear IO Internal speakers
<b>CHASSIS</b>	Mid-size tower
<b>WIRELESS</b>	Qualcomm® WCN6856-DBS, 2x2 MIMO, 3571MBps, 2.4GHz/5GHz/6GHz, Wi-Fi 6E (Wi-Fi 802.11ax), Bluetooth 5.3
<b>POWER OPTIONS</b>	750W Platinum internal power supply unit 1350W Platinum internal power supply unit - optional
<b>REGULATORY</b>	<b>Product Safety, EMC and Environmental Datasheets:</b> <a href="https://www.dell.com/learn/sg/en/sgcorp1/product-info-datasheets-safety-emc-environmental">https://www.dell.com/learn/sg/en/sgcorp1/product-info-datasheets-safety-emc-environmental</a> <b>Dell Regulatory Compliance Home Page:</b> <a href="https://www.dell.com/learn/sg/en/sgcorp1/regulatory-compliance">https://www.dell.com/learn/sg/en/sgcorp1/regulatory-compliance</a> <b>Dell and the Environment:</b> <a href="https://www.dell.com/en-sg/dt/corporate/social-impact/advancing-sustainability/champion-the-many-people/the-people-behind-our-products.htm">https://www.dell.com/en-sg/dt/corporate/social-impact/advancing-sustainability/champion-the-many-people/the-people-behind-our-products.htm</a>
<b>CHIPSET</b>	Intel® PCH W790
<b>HARDWARE SECURITY</b>	Security cable slot Padlock loop Chassis lock support - Coin locker Chassis intrusion switch Lockable bezel for externally-facing storage flexbay (included with M.2 NVMe drives, optional with SATA drives) TPM 2.0 Discrete Hardware
<b>SYSTEMS MANAGEMENT</b>	Dell Trusted Device agent SW (for intrusion switch) Waves MaxxAudio Pro Support Dell Color Management and Calibration for Monitors Microsoft Windows BitLocker Manager Support for Encryption SED HDD's (Opal FIPS and non FIPS) Support eDRIVE Storage including RAID PBA support of smart card reader Local HDD data wipe via BIOS ("Secure Erase") BIOS Administrative Password BIOS HDD password option (default off) Windows 10 Device Guard and Credential Guard BIOS Data Port On/Off - Data Port disablement Secure update of pre-boot password(s) via remote BIOS update Core Performance Boost (CPB) IOMMU (Input-Output Memory Management Unit) Single Root IO Virtualization Support (SR-IOV)
<b>CONFIGURATION SERVICES</b>	Factory image load BIOS customization Hardware customization Asset Tagging and Reporting
<b>ADD-IN CARDS</b>	Intel® Ethernet Network Adapter X710GBE NIC Card UltraSpeed Duo card UltraSpeed Quad storage card Wireless LAN card Intel I225 2.5Gb Ethernet Adapter  <b>Post product launch</b> USB 3.1 Thunderbolt 4 card (PRTS)  MegaRaid9540 Serial card  <b>Post product launch</b> MegaRaid9660 (PRTS) USB 4.0 Type-C card (PRTS)



**Product Disclosures: pages 2-6:**

\* 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.

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

13 Based on internal analysis, April 2022.

14 Ocean-bound plastic used in the fan and fan housing (13%) on Precision 3260 CFF and the fan housing (28%) on Precision mobile workstations 3570 & 3571.

15 New packaging is made with up to 95% recycled content and up to 22% renewable content in the form of FSC paper fibers. Material make up varies by product and size. Excludes optional items added to order and included in box. Paper packaging materials can be recycled via municipal recycling, where available. System bag is made from recycled plastic and can be recycled along with other thin plastics.

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

**Product Disclosures: pages 7-8:**

1. 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).

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

3. 4GB or Greater System Memory Capability: A 64-bit operating system is required to support 4GB or more of system memory.

4. Particular versions of Microsoft Windows may not support the full Bluetooth 4.2 functionality

5. 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.

6. TPM is available in selected regions.

7. Absolute: Not a Dell offer. Certain conditions apply. For full details, see terms and conditions at [www.lockforlaptops.com](http://www.lockforlaptops.com).

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

9. 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).

10. 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.

11. Dell Services: Availability and terms of Dell Services vary by region. For more information, visit [www.dell.com/servicedescriptions](http://www.dell.com/servicedescriptions).

12. 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).