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.

- Optional optical drive
- Power toggle button with LED
- HDD activity LED
- Universal audio port
- (2) USB 3.2 Gen 1 (5Gb/s) Type A
- (2) USB 3.2 Gen 2 (10Gb/s) Type C, one with PowerShare
- SD 4.0 card reader
- VR and AI Ready
- EPEAT Gold certified
- Power cord connector
- Lockable drive bays
- Breathable front bezel
- Lockable, tool-less side panel, intrusion detection
- Keyboard port (optional)
- Mouse port (optional)
- Serial port (optional)
- Audio line out
- RJ45 (1Gb)
- RJ45 (10Gb)
- (3) USB 3.2 Gen 2 (10Gb/s) Type C
- (3) USB 3.2 Gen 1 (5Gb/s) Type A
- Easy access for expansion slots
- (5) Expansion card slots
- Easy access for expansion slots
Intelligent performance

Up to Intel® Xeon® W7-2495X, (2) AMD or NVIDIA pro graphics, 56TB storage, 2TB of 4800MHz DDR5, ECC 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

Advanced thermals (dedicated air channels for components)

TPM 2.0, lockable chassis with intrusion detection, self encrypting drives
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.

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

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

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.

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.

*Based on Dell analysis of publicly available data, July 2020.
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 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.

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

**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.

**Unmatched connectivity**
ExpressConnect* provides the world’s first simultaneous multinetword connection* that joins the best network* available.

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

**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.

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.

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*Based on Dell Analysis. October 2022. For more details visit Guide to Bluetooth Security https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP800-121r2-upd1.pdf Dell Pair is available on select Dell accessories.

Dell Optimizer features vary per PC model and platform. Please refer to the Availability Matrix for more details.
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.

**Sustainable Materials**

up to 61%

Recycled plastic in fixed workstations and up to 21% in mobile workstations. Oceanbound plastic is also used in the components of select Precisions.

**Packaging Innovation**

100%

Precision mobile workstations ship in packaging made from 100% recycled or renewable materials and is 100% recyclable.

**ECOLABELS**

35+ EPEAT registered products

EPEAT

8.0 ENERGY STAR throughout the portfolio

ENERGY STAR
# PRECISION 5860 TOWER

## MODEL NUMBER
- Precision 5860 Tower

### PROCESSOR OPTIONS
- Intel® Xeon® W-2425, 15MB Cache, 6 Cores, 2.1GHz to 4.2GHz
- Intel® Xeon® W-2435, 22MB Cache, 8 Cores, 2.3GHz to 4.5GHz
- Intel® Xeon® W-6400, 64MB Cache, 10 Cores, 3.3GHz to 4.6GHz
- Intel® Xeon® W-6455X, 30MB Cache, 12 Cores, 5.2GHz to 4.6GHz
- Intel® Xeon® W-6465X, 35MB Cache, 16 Cores, 5.3GHz to 4.7GHz
- Intel® Xeon® W-7245X, 37.5MB Cache, 20 Cores, 2.6GHz to 4.8GHz
- Intel® Xeon® W-7247X, 45MB Cache, 24 Cores, 2.5GHz to 4.8GHz

### MEMORY OPTIONS
- 16GB, 1 x 16GB, DDR5 ECC, 1 PCIE, 4800Mhz
- 32GB, 2 x 16GB, DDR5 ECC, 1 PCIE, 4800Mhz
- 64GB, 4 x 16GB, DDR5 ECC, 1 PCIE, 4800Mhz

### STORAGE OPTIONS
- M.2 2280, 512GB, PCIe NVMe Gen4 x4, SSD, Self-Encrypting
- M.2 2280, 1TB, PCIe NVMe Gen4 x8 slot (x4) open-ended
- M.2 2280, 256GB, PCIe NVMe Gen4 x4, SSD, Class 40
- 2.5-inch, 1.2TB, 10K RPM, SAS Enterprise HDD
- 2.5-inch, 500GB, 7200 RPM, SATA, HDD

### STORAGE OPTIONS
- M.2 2280, 512GB, 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

### GRAPHICS
- NVIDIA®: RTX™ A4000, 16GB GDDR6
- NVIDIA®: RTX™ A6000, 48GB GDDR6
- NVIDIA®: RTX™ A4000, 24GB GDDR6
- NVIDIA®: RTX™ A2000, 12GB GDDR6
- NVIDIA®: T1000, 8GB GDDR6
- NVIDIA®: T4000, 4GB GDDR6
- NVIDIA®: GV100, 32GB HBM2

### POST PRODUCT LAUNCH
- AMD Radeon™ Pro W6800, 16GB GDDR6
- AMD Radeon™ Pro W6800, 8GB GDDR6

### POST PRODUCT LAUNCH
- AMD Radeon™ Pro W6300, 4GB GDDR6
- AMD Radeon™ Pro W6400, 4GB GDDR6

### SECURITY SOFTWARE
- 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

### WARRANTY
- 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

### PRODUCTIVITY SOFTWARE
- Microsoft Office Home and Business Commercial
- Microsoft Office Pro Plus 2022 Professional Commercial
- Dell Optimizer for Precision

### OPTICAL DRIVE
- Optional - only on computers with ODD
  - 8x DVD-+R/+RW 5.25in optical drive
  - 8x DVD+R/+RW 5.25in optical drive
  - 16x DVD+R/+RW half-height optical drive

### DIMENSIONS
- US:
  - Height: 16.29in. (414mm) / 16.45in. (417.90mm) with rubber-foot protruding
  - Width: 19.01in. (482.60mm) / 19.79in. (492.10mm) with lock-structure protruding

### REST OF THE WORLD:
- Height: 416mm (16.29in.) / 417.90mm (16.45in.)
- Width: 19.01in. (482.60mm) / 19.79in. (492.10mm) with lock-structure protruding
- Weight: Maximum: 27.05kg (60.00lb) / Minimum: 16.45kg (36.24lb)
## AUDIO & SPEAKERS
- Realtek Audio Controller, ALC3246-CG
- Single Universal Audio Jack on Front panel
- One line out jack on Rear IO
- Internal speakers

## CHASSIS
- Mid-size tower

## WIRELESS
- Qualcomm® WCN6856-DBS, 2x2 MIMO, 3571Mbps, 2.4GHz/5GHz/6GHz, Wi-Fi 6E (Wi-Fi 802.11ax), Bluetooth 5.3

## POWER OPTIONS
- 750W Platinum internal power supply unit
- 1350W Platinum internal power supply unit - optional

## REGULATORY
- Product Safety, EMC and Environmental Datasheets:
- Dell Regulatory Compliance Home Page:
- Dell and the Environment:

## CHIPSET
- Intel® PCH W790

## HARDWARE SECURITY
- 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

## SYSTEMS MANAGEMENT
- 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 HHD’s (Opal FIPS and non FIPS)
- Support iDRIVE 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)

## CONFIGURATION SERVICES
- Factory image load
- BIOS customization
- Hardware customization
- Asset Tagging and Reporting

## ADD-IN CARDS
- Intel® Ethernet Network Adapter X710GBE NIC Card
- UltraSpeed Duo card
- UltraSpeed Quad storage card
- Wireless LAN card
- Intel G2S 2.5Gb Ethernet Adapter

**Post product launch**
- USB 3.1
- Thunderbolt 4 card (PRTS)
- MegaRaid9540
- Serial card

**Post product launch**
- 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 Connections based networking) 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 OFF 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 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.

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.lojackforlaptops.com.

8. Please refer to 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.

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) 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.