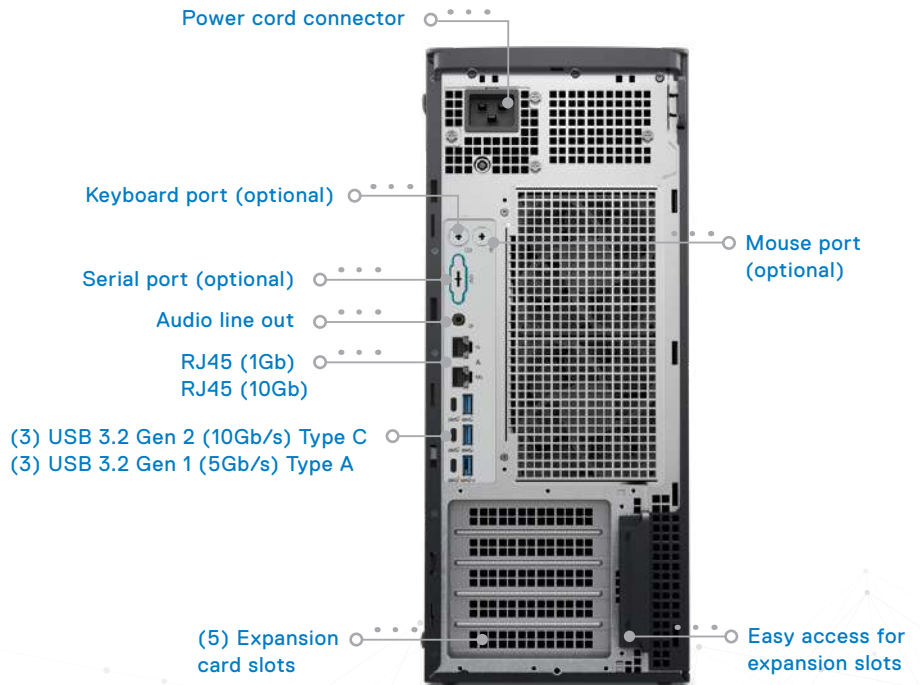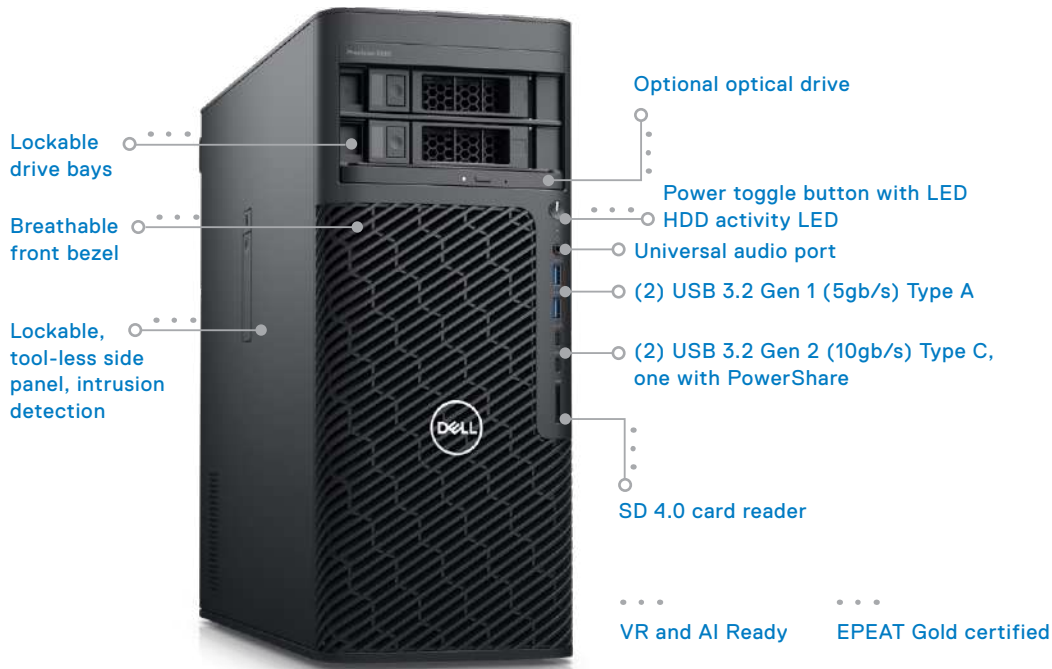# PRECISION
5860 TOWER

Scalable performance
in a mid-sized tower.

PRECISION
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

Lockable drive bays

Breathable front bezel

Lockable, tool-less side panel, intrusion detection

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

Keyboard 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

Mouse port (optional)

(5) Expansion card slots

Easy access for expansion slots

PRECISION
5860 TOWER

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

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.

AT THE DESK / ON THE GO

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

PRECISION
5860 TOWER

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 multinetwork 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.

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[12].

Sustainable Materials

up to 61%

Recycled plastic in fixed workstations and up to 21% in mobile workstations[13]. Oceanbound plastic is also used in the components of select Precisions[14].

Packaging Innovation

100%

Precision mobile workstations ship in packaging made from 100% recycled or renewable materials and is 100% recyclable[15].

ECOLABELS

35+

EPEAT registered products[16]

→ EPEAT

8.0

ENERGY STAR®
throughout the portfolio

→ ENERGY STAR®

PRECISION
5860 TOWER

FEATURE	TECHNICAL SPECIFICATION
MODEL NUMBER	Precision 5860 Tower
PROCESSOR OPTIONS[1]	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
OPERATING SYSTEM[1]	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 **Post product launch:** NeoKylin
MEMORY OPTIONS[1,2,3]	16GB, 1 x 16GB, DDR5 ECC, 1 DPC, 4800MHz 32GB, 2 x 16GB, DDR5 ECC, 1 DPC, 4800MHz 64GB, 4 x 16GB, DDR5 ECC, 1 DPC, 4800MHz 96GB, 6 x 16GB, DDR5 ECC, 2 DPC, 4400MHz 128GB, 8 x 16GB, DDR5 ECC, 2 DPC, 4400MHz 32GB, 1 x 32GB, DDR5 ECC, 1 DPC, 4800MHz 64GB, 2 x 32GB, DDR5 ECC, 1 DPC, 4800MHz 128GB, 4 x 32GB, DDR5 ECC, 1 DPC, 4800MHz 192GB, 6 x 32GB, DDR5 ECC, 2 DPC, 4400MHz 256GB, 8 x 32GB, DDR5 ECC, 2 DPC, 4400MHz 64GB, 1 x 64GB, DDR5 ECC 1 DPC, 4800MHz 128GB, 2 x 64GB, DDR5 ECC, 1 DPC, 4800MHz 256GB, 4 x 64GB, DDR5 ECC, 1 DPC, 4800MHz 384GB, 6 x 64GB, DDR5 ECC 2 DPC, 4400MHz 512GB, 8 x 64GB, DDR5 ECC, 2 DPC, 4400MHz Post product launch 128GB, 1 x 128GB, DDR5 ECC, 1 DPC, 4800MHz 256GB, 2 x 128GB, DDR5 ECC, 1 DPC, 4800MHz 512GB, 4 x 128GB, DDR5 ECC, 1 DPC, 4800MHz 768GB, 6 x 128GB, DDR5 ECC, 2 DPC, 4400MHz 1TB, 8 x 128GB, DDR5 ECC, 2 DPC, 4400MHz 256GB, 1 x 256GB, DDR5 ECC, 1 DPC, 4800MHz 512GB, 2 x 256GB, DDR5 ECC, 1 DPC, 4800MHz 1TB, 4 x 256GB, DDR5 ECC, 1 DPC, 4800MHz 1.5TB, 6 x 256GB, DDR5 ECC, 2 DPC, 4400MHz 2TB, 8 x 256GB, DDR5 ECC, 2 DPC, 4400MHz
STORAGE OPTIONS[1,5]	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
GRAPHICS	**NVIDIA:** 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 **AMD:** AMD Radeon™ Pro W6800, 16GB GDDR6 AMD Radeon™ Pro W6600, 8GB GDDR6 **Post product launch** AMD Radeon™ Pro W6300, 4GB GDDR6 AMD Radeon™ Pro W6400, 4GB GDDR6

FEATURE	TECHNICAL SPECIFICATION
PRODUCTIVITY SOFTWARE[1]	Microsoft Office Home and Business Commercial Microsoft Office 2021 Professional Commercial Dell Optimizer for Precision
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[9,10]	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
ACCIDENTAL DAMAGE SERVICES	3-year Accidental Damage Service 4-year Accidental Damage Service 5-year Accidental Damage Service
PORTS	**Front:** (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 **Rear:** (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)
OPTICAL DRIVE	**Optional - only on computers with ODD** 8x DVD-ROM 9.5mm optical drive 8x DVD+/-RW 9.5mm optical drive 16x DVD+/-RW half-height optical drive
SLOTS	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
DIMENSIONS	**US:** 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) **Rest of the world:** 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)

PRECISION
5860 TOWER

FEATURE TECHNICAL SPECIFICATION

AUDIO & SPEAKERS[1] 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:**
https://www.dell.com/learn/sg/en/sgcorp1/product-info-datasheets-safety-emc-environmental
Dell Regulatory Compliance Home Page:
https://www.dell.com/learn/sg/en/sgcorp1/regulatory-compliance
Dell and the Environment:
https://www.dell.com/en-sg/dt/corporate/social-impact/advancing-sustainability/champion-the-many-people/the-people-behind-our-products.htm

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 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)

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 i225 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 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 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.

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.

DELLTechnologies