

PRECISION

3570

Take your ideas  
to new heights



# PRECISION 3570

Take your ideas to new heights.  
Turn concepts to reality with a cost-effective workstation.

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

Starting at  
3.5lbs / 1.6kg

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

Pro2 ID  
Full Size  
keyboard with  
backlit optional

Large multi-touch clickpad

Up to 4-cell 58Whr  
battery, Long Life Cycle,  
ExpressCharge and  
ExpressCharge Boost

Up to UHD (4K),  
100% sRGB, 400nits,  
PremierColor. Touch and  
ComfortView Plus (hardware  
low blue light) optional, and  
super low power (SLP).

Optional Finger Reader,  
integrated with power button  
Windows Hello capable

Titan Gray, 100%  
water soluble paint

Optional mobile  
broadband 4G LTE

WiFi 6E, Bluetooth 5.2

### Intelligent performance

Latest professional grade components with up to 12th Gen Intel® Core™ i7 processor, 14 Core (6P+8E) processor (28W), NVIDIA RTX A500 graphics (4G), PCIe M.2 SSD (up to 4TB) storage, and 64GB of 4800MHz DDR5 memory (dual channel).

### Wide variety of ports and input connections:

(2) Thunderbolt 4 Type C, (2) USB 3.1 Gen 1 (1x power enabled), HDMI 2.0, RJ-45, uSD card reader, Smart Card (optional), Fingerprint reader (optional)

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



### 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>

...

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.

...

Has mobile broadband (4G LTE), WiFi 6/6.E and Bluetooth for flexible connectivity options.

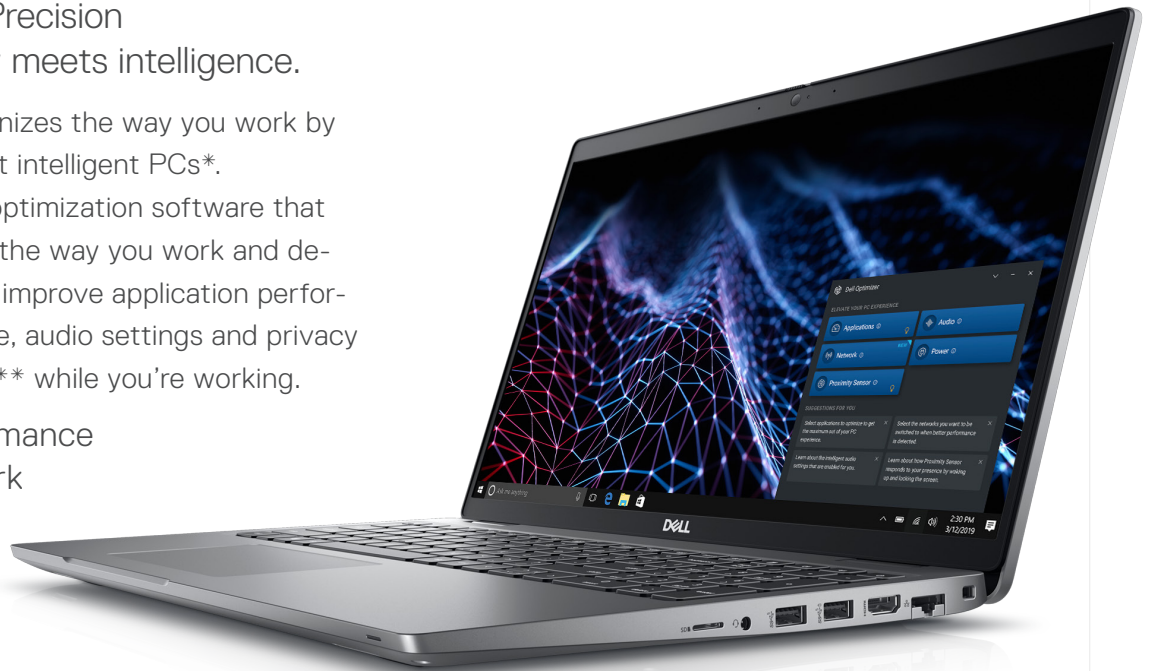


# 3570

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



## Improved performance

ExpressResponse<sup>6</sup> analyzes how you use your preferred apps<sup>7</sup> 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

AT THE DESK / ON THE GO



**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 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 Thunderbolt 4 Dock - WD22TB4**

Boost your PC's power on the world's first modular Thunderbolt 4 dock with a future-ready design



**Dell Pro Hybrid Briefcase Backpack 15 - PO1521HB**

Protect your laptop from impact with this earth friendly backpack that is lined with EVA foam cushioning. Easily convert from backpack to briefcase mode and travel with ease.



**Dell Pro Wireless Keyboard and Mouse - KM5221W**

Get productive with a quiet, full-size keyboard and mouse combo with programmable shortcuts and 36 months battery life.



**Dell Mobile Adapter Speakerphone - MH3021P**

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

CREATIVE ACCESSORIES



**3Dconnexion SpaceMouse Wireless - 3DX-700076**

3Dconnexion's patented 6-Degrees-of-Freedom (6DoF) sensor is specifically designed to manipulate digital content or camera positions in industry-leading CAD applications. Simply push, pull, twist or tilt the 3Dconnexion controller cap to intuitively pan, zoom and rotate your 3D drawing.



**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.

# PRECISION 3570

## FEATURE TECHNICAL SPECIFICATION

**MODEL NUMBER** Precision 3570

**PROCESSOR OPTIONS<sup>15</sup>** 12th Generation Intel® Core™ i5-1235U vPro® Essentials<sup>17</sup>, 12MB Cache, 2+8 Core, 12 Threads, 1.30GHz to 4.40GHz, 15W  
12th Generation Intel® Core™ i5-1245U vPro®, 12MB Cache, 2+8 Core, 12 Threads, 1.60GHz to 4.40GHz, 15W  
12th Generation Intel® Core™ i5-1250P vPro®, 12MB Cache, 4+8 Core, 16 Threads, 1.70GHz to 4.40GHz, 28W  
12th Generation Intel® Core™ i7-1255U vPro® Essentials<sup>17</sup>, 12MB Cache, 2+8 Core, 12 Threads, 1.70GHz to 4.70GHz, 15W  
12th Generation Intel® Core™ i7-1265U vPro®, 12MB Cache, 2+8 Core, 12 Threads, 1.80GHz to 4.80GHz, 15W  
12th Generation Intel® Core™ i7-1270P vPro®, 18MB Cache, 4+8 Core, 16 Threads, 2.20GHz to 4.80GHz, 28W  
12th Generation Intel® Core™ i7-1280P vPro®, 24MB Cache, 6+8 Core, 20 Threads, 1.80GHz to 4.80GHz, 28W

**OPERATING SYSTEM<sup>15</sup>** Windows 10 Pro, 64-bit  
Windows 10 Home, 64-bit  
RHEL v8.4  
Ubuntu® 20.04 LTS, 64-bit  
Windows 11 Pro, 64-bit

**MEMORY OPTIONS<sup>15,16,17</sup>** 4GB, 1 x 4GB, DDR4, 3200MHz, single-channel  
8GB, 2 x 4GB, DDR4, 3200MHz, dual-channel  
8GB, 1 x 8GB, DDR4, 3200MHz, single-channel  
16GB, 2 x 8GB, DDR4, 3200MHz, dual-channel  
16GB, 1 x 16GB, DDR4, 3200MHz, single-channel  
32GB, 2 x 16GB, DDR4, 3200MHz, dual-channel  
64GB, 2 x 32GB, DDR4, 3200MHz, dual-channel  
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  
64GB, 2 x 32GB, DDR5, 4800MHz, dual-channel

**STORAGE<sup>15,18</sup>** M.2 2230, 256GB, PCIe NVMe x4, SSD, Class 35  
M.2 2230, 512GB, PCIe NVMe x4, SSD, Class 35  
M.2 2230, 1TB, PCIe NVMe x4, SSD, Class 35  
M.2 2230, 256GB, PCIe NVMe x4, Class 35, Self-Encrypting, Opal 2.0, FIPS  
M.2 2280, 512GB, PCIe NVMe x4, SSD, Class 40  
M.2 2280, 1TB, PCIe NVMe x4, SSD, Class 40  
M.2 2280, 2TB, PCIe NVMe x4, SSD, Class 40

**GRAPHICS** **Integrated:**  
Intel® Iris® Xe Graphics for Gen12 Intel® processors with dual-channel memory configuration  
Intel Integrated graphics with single channel memory configuration

**Discrete:**  
NVIDIA® T550, 4GB GDDR6 (Optional)  
NVIDIA® RTX A500, 4GB GDDR6 (Optional)

**DISPLAYS<sup>15</sup>** 15.6", HD, 1366 x 768, 60Hz, anti-glare, non-touch, 45% NTSC, 220 nits, twisted nematic  
15.6", FHD 1920 x 1080, 60Hz, anti-glare, non-touch, 45% NTSC, 250 nits, wide-viewing angle  
15.6", FHD 1920 x 1080, 60Hz, anti-glare, touch, 45% NTSC, 250 nits, wide-viewing angle  
15.6", FHD 1920 x 1080, 60Hz, anti-glare, non-touch, 100% sRGB, 400 nits, wide-viewing angle, low blue light, super low power (SLP)  
15.6", UHD 3840 x 2160, 60Hz, anti-glare, non-touch, 100% sRGB, 400 nits, wide-viewing angle, low blue light, super low power (SLP)

**PRODUCTIVITY SW<sup>15</sup>** Microsoft Office 30-day trial  
Microsoft Office Professional 2019  
Microsoft Office Home and Business 2019  
Dell Support Assist  
DDRE (Dell Developed Recovery Environment)  
Dell Optimizer for Precision  
Dell Support Center

**SECURITY<sup>15</sup>** McAfee® Small Business Security 30-day trial  
McAfee® Small Business Security 12-months subscription, digitally delivered  
McAfee® Small Business Security 24-months subscription, digitally delivered  
McAfee® Small Business Security 36-months subscription, digitally delivered

## FEATURE TECHNICAL SPECIFICATION

**WARRANTY<sup>19,20</sup>**

1-year hardware warranty with on-site/in-home service after remote diagnosis  
2-year hardware warranty with on-site/in-home service after remote diagnosis (Upsell)  
3-year hardware warranty with on-site/in-home service after remote diagnosis (Upsell)  
4-year hardware warranty with on-site/in-home service after remote diagnosis (Upsell)  
5-year hardware warranty with on-site/in-home service after remote diagnosis (Upsell)  
1-year ProSupport with Next Business Day on-site service (Upsell)  
2-year ProSupport with Next Business Day on-site service (Upsell)  
3-year ProSupport with Next Business Day on-site service (Upsell)  
4-year ProSupport with Next Business Day on-site service (Upsell)  
5-year ProSupport with Next Business Day on-site service (Upsell)  
1-year ProSupport Plus with Next Business Day on-site service (Upsell)  
2-year ProSupport Plus with Next Business Day on-site service (Upsell)  
3-year ProSupport Plus with Next Business Day on-site service (Upsell)  
4-year ProSupport Plus with Next Business Day on-site service (Upsell)  
5-year ProSupport Plus with Next Business Day on-site service (Upsell)

**ACCIDENTAL DAMAGE SERVICES**

1-year Accidental Damage Service (Upsell)  
2-year Accidental Damage Service (Upsell)  
3-year Accidental Damage Service (Upsell)  
4-year Accidental Damage Service (Upsell)  
5-year Accidental Damage Service (Upsell)

**INPUT<sup>15</sup>**

Single Pointing standard  
Single Pointing backlit  
Multi-touch Clickpad

**PORTS & SLOTS**

RJ-45 Ethernet port  
USB 3.2 Gen 1 port  
USB 3.2 Gen 1 port with PowerShare  
(2) Thunderbolt 4 ports with DisplayPort Alt Mode/USB Type-C/  
USB4/Power Delivery  
HDMI 2.0 port  
Universal audio port  
MicroSD-card slot  
Wedge-shaped lock slot  
Micro-SIM card tray (optional)  
Smart card reader slot (optional)

**DIMENSIONS & WEIGHT**

**US**  
Front Height: 0.82in. (20.77mm)  
Rear Height: 0.87in. (22.15mm)  
Width: 14.08in. (357.80mm)  
Depth: 9.19in. (233.30mm)  
Weight: 3.50lbs. (1.59kg)

**Rest of the world**  
Front Height: 20.77mm (0.82in.)  
Rear Height: 22.15mm (0.87in.)  
Width: 357.80mm (14.08in.)  
Depth: 233.30mm (9.19in.)  
Weight: 1.59kg (3.50lbs.)

**CAMERA OPTIONS<sup>15</sup>**

720p at 30 fps, widescreen HD RGB camera, Dual-array microphones  
1080p at 30 fps, widescreen HD RGB IR camera, Dual-array microphones  
Dual-array microphones  
1080p at 30 fps, widescreen FHD RGB IR camera, Dual-array microphones, Express Sign-In (EMZA proximity sensor)

Stereo speakers with Realtek Waves MaxxAudio® Pro,  
2W x 2W = 4W total

**CONNECTIVITY OPTIONS**

**WLAN:**  
Intel® AX211, 2x2 MIMO, 2400Mbps, 2.4/5/6GHz, Wi-Fi 6E (Wi-Fi 802.11ax), Bluetooth® 5.2  
Realtek RTL8822CE, 2x2 MIMO, 867Mbps, 2.4/5GHz, Wi-Fi 5 (Wi-Fi 802.11ac), Bluetooth® 5.0  
MediaTek MT7921, 2x2 MIMO, 1200Mbps, 2.4/5GHz, Wi-Fi 6 (Wi-Fi 802.11ax), Bluetooth® 5.2

**WWAN:**  
Intel XMM 7360 Global LTE-Advanced

**PRIMARY BATTERY**

3-cell, 41Wh, ExpressCharge™ Boost  
3-cell, 41Wh, Long Cycle Life, ExpressCharge™ Boost  
4-cell, 58Wh, ExpressCharge™ Boost  
4-cell, 58Wh, Long Cycle Life, ExpressCharge™ Boost

**POWER OPTIONS**

65W AC adapter, USB-C, EPEAT  
90W E5 AC adapter, USB-C, EPEAT  
130W E5 AC adapter, USB-C, EPEAT

**REGULATORY AND ENVIRONMENTAL COMPLIANCE<sup>21,22</sup>**

ENERGY STAR; EPEAT registered  
EPEAT Gold Registered  
China CEC  
Product Safety, EMC and Environmental Datasheets  
Dell Regulatory Compliance Home Page  
Dell and the Environment

# PRECISION 3570

## FEATURE TECHNICAL SPECIFICATION

**CHIPSET** Intel® PCH-LP

**INTEL RESPONSIVENESS TECHNOLOGIES** Intel® Rapid Storage Technology

**HARDWARE SECURITY** Trusted Platform Module (TPM) 2.0 discrete  
FIPS 140-2 certification for TPM  
TCG Certification for TPM (Trusted Computing Group)  
Finger Print Reader in Power Button tied to ControlVault 3  
ControlVault 3 Advanced Authentication with FIPS 140-2 Level 3 Certification  
Contacted Smart Card and ControlVault 3  
Contactless Smart Card, NFC, and ControlVault 3  
SED SSD NVMe, SSD and HDD (Opal and non-Opal) per SDL  
FIPS 201 Full Scan FPR and ControlVault 3

**DOCKING** Dell Thunderbolt 4 Dock - WD22TB4  
*(SOLD SEPARATELY)*

**ACCESSORIES** Dell Mobile Adapter Speakerphone - MH3021P  
*(SOLD SEPARATELY)* Dell 7-in-1 USB-C Multiport Adapter - DA310  
Dell Pro Hybrid Briefcase Backpack 15 - PO1521HB  
Dell Pro Wireless Headset - WL5022  
Dell Speakerphone - Mozart - SP3022  
Dell UltraSharp 27 USB-C HUB Monitor - U2722DE  
Dell UltraSharp 34 Curved USB-C HUB Monitor - U3421WE  
Dell Thunderbolt 4 Dock - WD22TB4  
Dell Premier Rechargeable Wireless Mouse - MS7421W  
Dell Pro Wireless Keyboard and Mouse - KM5221W  
Wacom Cintiq Pro 24 Creative Pen Display Touch - DTH-2420  
3Dconnexion SpaceMouse Wireless - 3DX-700066

**SYSTEMS MANAGEMENT** Dell Power Manager (DPM) version 3.0 or later  
BIOS complies to Dell SMBIOS implementation spec (DSIS)  
SW and Drivers MUP/DUP compliant  
Dell Command | Configure (DCC) version 4.0 or later  
Dell Command | Monitor (DCM) version 10.0 or later  
Dell Command | Update (DCU) version 3.0 or later  
Dell Command | Update Catalog (DCUC)  
Dell Command | Deploy (DCP)  
Dell Command | Integration Suite for System Center(DCIS) version 5.0  
Dell Command | Intel® vPro™ Out of Band (DCIV)  
Dell Command | PowerShell Provider version 2.0 or later  
Dell Command | Deploy Driver Pack Catalog version 1.0 or later

## 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<sup>13</sup>.

#### 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<sup>14</sup>



# 16

TCO 8 certified configurations



# 8.0

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





\* 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.

8 Based on a Forrester Study commissioned by Dell Technologies and Intel: "The Total Economic Impact of Dell's PC as a Service", November 2020 <https://www.delltechnologies.com/asset/en-us/solutions/business-solutions/industry-market/forrester-the-total-economic-impact-of-dells-pc-as-a-service.pdf>

9 Based on a Forrester Total Economic Impact™ Study commissioned by VMware, "The Total Economic Impact™ of VMware Workspace ONE for Windows 10", September 2018. Results from interviews with VMware Workspace ONE customers and/or based on a 12,000-employee composite organization.

10 Based on a Principled Technologies test report, "Spend Less Time and Effort Troubleshooting Laptop Hardware Failures" dated April 2018. Testing commissioned by Dell, conducted in the United States. Actual results will vary. Full report: <http://facts.pt/L52XKM>

11 Based on Principled Technologies Report commissioned by Dell Technologies, "Deliver pre-configured systems to end users faster with Dell Provisioning for VMware Workspace ONE", January 2019, comparing deployment using Dell Provisioning for Workspace ONE vs. traditional deployment. Results extrapolated to deployment of 1000 systems, a week represents seven full workdays. Actual results will vary.

12 Based on Dell Internal analysis, January 2019.

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

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

15 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).

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

17 4GB or Greater System Memory Capability: A 64-bit operating system is required to support 4GB or more of system memory.

18 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.

19 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).

20 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.

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

22 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).