

OPTIPLEX

TOWER

Push the limits of multi-tasking performance and scalability





Intelligence meets simplicity

Power your most demanding business workloads on a highly expandable desktop with best-in-class graphics and performance

Most powerful OptiPlex yet

Intel vPro® with 13th Gen
Intel® Core™ up to i9 125W
processors deliver
business-class performance
that accelerates productivity
while minimizing security risks
by leveraging technologies deep
in the silicon¹

Most intelligent with Dell Optimizer²

More intuitive app performance, connectivity and audio experiences

Easy to manage

With a single BIOS across new Micro, Small Form Factor, and Tower configurations

Wi-Fi6E option

Future-proof your IT with the industry's fastest speeds3v





Sustainable innovation

(DélT)

With post-consumer recycled plastic, and steel; EPEAT Gold, ENERGY STAR and TCO 9.0 certifications (on select configurations)

up to 3rd M.2 SSD Drive option

provides additional expansion options for faster boot time and file access



Maximum expandability

Work your way with a choice of two chassis – 18.7L and 14.6L, plus multiple port and add-in card options

Up to 128GB DDR5 Memory

Better performance for heavy workloads, great for cloud applications

Native support for up to 4 displays

Without the need for additional graphics card

Best-in-class graphics

Up to 225W discrete graphics options enable rich content/ VR consumption

Smart connectivity

Up to 10 USB ports including faster native Type-C USB 3.2 Gen 2x2 (20Gbps), (3) DisplayPorts and optional video ports supporting up to 5K resolution

Sustainability on OptiPlex

OptiPlex is a leading platform for sustainable innovation and utilizes the most recycled content of all Dell PCs with up to 59.6% recycled plastic and closed-loop materials in its design.¹









Packaging

100%

Dell multi-pack solutions ship multiple products in a single package and is made with up to 100% recycled and renewable corrugate.²

Sustainable Materials







- 44% post consumer recycled plastics**

Packaging Innovation

87%

87% of Dell's packaging is made from recycled or renewable materials².

OPTIPLEX HAS

120+

EPEAT registered products*



40+

TCO certified configurations

(→) тсо

8.0

ENERGY STAR® throughout the portfolio

→ ENERGY STAR®

Tower

Dell Optimizer

We make it intelligent. You make it yours.

In a work-from-anywhere world, powering the world's most intelligent commercial 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.



Elevate your work experience with personalized performance extending from your OptiPlex to the devices within your workspace.



Hear and be heard better than ever

Intelligent Audio reduces background noise and optimizes audio experiences, now with more impressive features:

Neural noise and echo cancelation intelligently removes background noises and echoes of the participants in your conference calls. Voice Quality Monitoring checks the quality of your voice during conference calls and notifies you when the quality is poor.



Improved app performance

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



Unmatched connectivity

ExpressConnect delivers the world's first simultaneous multinetwork connection** for faster transfers and downloads. It also optimizes connectivity and bandwidth for clearer, more productive conferencing.



An intelligent ecosystem

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

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



Seamless workspace transitions and enhanced privacy

ExpressSign-in wakes your PC when upon approach and locks it when you step away.

Intelligent Privacy texturizes your screen when an onlooker is detected and dims it when you look away. (Available on select OptiPlex All-in-One configurations with optional 5MP IR Camera; also available on select Dell monitors and webcams with proximity sensors).

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.

^{*}Based on Dell analysis, October 2022. Dell Optimizer not available in OptiPlex 3000 series, Latitude Chromebook Enterprise, and Linux-based devices. Feature availability and functionality may vary by model. For more details visit: https://www.delltechnologies.com/asset/en-us/solutions/business-solutions/technical-support/dell-optimizer-features-availability-matrix.pdf.external.



PERSONALIZED PRODUCTIVITY SOLUTIONS



Dell 27 Monitor - P2723D

Stay focused on a 27-inch QHD monitor optimized to deliver high performance details and clarity.



Dell UltraSharp 24 USB-C Hub Monitor – U2422HE

Take your work to new heights with this 23.8-inch FHD monitor featuring brilliant color coverage, ComfortView Plus, USB-C and Ethernet connectivity.



Dell Premier Multi-Device Wireless Keyboard and Mouse - KM7321W

Multi-task seamlessly across 3 devices, featuring programmable shortcuts and 36 months battery life.



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 up to 36 months battery life.



Dell Slim Conferencing Soundbar - SB522A

Experience clear conferencing and reduced background noise, with this intelligent MS Teamscertified soundbar.*

*Based on Dell analysis of publicly available information of competitive personal zoom room keyboards, August 2022.



Dell Pro Webcam - WB5023

Experience industry leading video quality and picture clarity in any lighting with this intelligent 2K QHD webcam.



Dell Premier Wireless ANC Headset - WL7022

Collaborate with ease anywhere with this Teams certified wireless headset which offers active noise cancellation and smart sensors that automatically mute and unmute your call.



OptiPlex Tower Factor Cable Cover

Thermally tested design offers an easy to install and attractive way to manage cables and secure ports.





Tower

OptiPlex Tower offers 2 base configurations

Base configuration determines the set of customizable features available for this PC.





OptiPlex Tower Plus

High performance desktop with maxed out expansion options. Features up to 128GB new DDR5 memory, 10 native USBs including 1 USB-C, and 3 native DisplayPorts in an 18.7L chassis. DisplayPorts in an 18.7L chassis.





OptiPlex Tower

Standard commercial desktop including DDR4 memory, 8 native USB ports, 1 native DisplayPort, and 1 native HDMI, in a 14.6L chassis.

FEATURE TECHNICAL SPECIFICATION

MODEL NUMBER¹ OntiPlex Tower Plus 7010

PROCESSOR ¹ 13th Generation Intel[®] Core™ i3-13100 (12 MB cache, 4 cores, 8 threads, 3.40 GHz to 4.50 GHz turbo, 60 W)

13th Generation Intel® Core™ i5-13400 (20 MB cache, 10 cores, 16 threads, 2.50 GHz to 4.60 GHz turbo, 65 W) 13th Generation Intel® Core™ i5-13500 (24 MB cache, 14 cores, 20 threads, 2.50 GHz to 4.80 GHz turbo, 65 W) 13th Generation Intel® Core™ i5-13600 (24 MB cache, 14 cores, 20 threads, 2.70 GHz to 5.00 GHz turbo, 65 W) 13th Generation Intel® Core™ i5-13600K (24 MB cache, 14 cores, 20 threads, 3.50 GHz to 5.10 GHz turbo, 125 W) 13th Generation Intel® Core™ i7-13700 (30 MB cache, 16 cores, 24 threads, 2.10 GHz to 5.10 GHz turbo, 65 W) 13th Generation Intel® Core™ i7-13700K (30 MB cache. 16 cores, 24 threads, 3.40 GHz to 5.30 GHz turbo, 125 W)

24 cores, 32 threads, 2.00 GHz to 5.20 GHz turbo, 65 W) 13th Generation Intel® Core™ i9-13900K (36 MB cache, 24 cores, 32 threads, 3.00 GHz to 5.40 GHz turbo, 125 W)

13th Generation Intel® Core™ i9-13900 (36 MB cache,

CHIPSET Intel® Q670

OPERATING SYSTEM¹

Windows 11 Home Windows 11 Pro

Windows 11 Pro Downgrade (Windows 10 image) Windows 11 Pro National Education
Windows 10 CMIT Government Edition (China only) Ubuntu® Linux® 22.04 LTS, 64-bit

MEMORY^{1,2,3}

8GB, 1 x 8GB, DDR5, 4400 MT/s, single-channel 16GB, 1 x 16GB, DDR5, 4400 MT/s, single-channel 16GB, 2 x 8GB, DDR5, 4400 MT/s, dual-channel 32GB, 1 x 32GB, DDR5, 4400 MT/s, single-channel 32GB, 2 x 16GB, DDR5, 4400 MT/s, dual-channel 32GB, 4 x 8GB, DDR5, 4000 MT/s, dual-channel 64GB 2 x 32GB DDR5 4400 MT/s dual-channel 64GB, 4 x 16GB, DDR5, 4000 MT/s, dual-channel 128GB 4 x 32GB DDR5 3600 MT/s dual-channel

PRIMARY HARD DISK DRIVES^{1,5}

2.5-inch, 500 GB, 7200 RPM, SATA, HDD 2.5-inch, 1 TB, 7200 RPM, SATA, HDD 3.5-inch, 4 TB, 5400 RPM, SATA, HDD 3.5-inch, 1 TB, 7200 RPM, SATA, HDD 3.5-inch, 2 TB, 7200 RPM, SATA, HDD M.2 2230, 512 GB, PCle NVMe, SSD, Class 25 M.2 2230, 1 TB, PCle NVMe, SSD, Class 25 M.2 2230, 256 GB, PCle NVMe, SSD, Class 35 M.2 2230, 512 GB, PCIe NVMe, SSD, Class 35 M.2 2230, 1 TB, PCIe NVMe, SSD, Class 35

M.2 2230, 256 GB, PCIe NVMe, Opal Self-Encrypting drive, Class 35

M.2 2280, 512 GB, PCle NVMe, SSD, Class 40 M.2 2280, 1 TB, PCle NVMe, SSD, Class 40 M 2 2280 2 TB PCIe NVMe SSD Class 40

M.2 2280, 512 GB, PCle NVMe, SSD, self-encrypting drive, Class 40 M.2 2280, 1 TB, PCle NVMe, SSD, self-encrypting drive, Class 40

GRAPHICS Intel® UHD Graphics 730 with13th Generation Intel® Core™ i5-13100 and i5-13400 processors

Intel® UHD Graphics 770 with 13th Generation Intel® Core™ i5-13500, i5-13600, i5-13600K, i7-13700, i7-13700K, i9-13900, i9-13900K processors

AMD Radeon™ RX6300, 2 GB, GDDR6 AMD Radeon™ RX6500, 4 GB, GDDR6 NVIDIA® RTX 3050, 8 GB, GDDR6 NVIDIA® RTX 3070, 8 GB, GDDR6

WIRELESS

Intel® Wi-Fi 6E AX211 2x2 and Bluetooth® wireless card with

Realtek 8852BE Wi-Fi 6 2x2 and Bluetooth® wireless card

CASE COLOR Black

CAMERA

AUDIO Realtek Audio Controller, ALC3246-CG, High Definition Audio

DISPLAY OPTIONS N/A PRIMARY BATTERY

260 W internal Power Supply Unit (PSU), 85% Efficient, 80 Plus Bronze POWER

500 W internal Power Supply Unit (PSU), 92% Efficient, 80 Plus Platinum

TECHNICAL SPECIFICATION

OptiPlex Tower 7010

Intel® Celeron® G6900 (4 MB cache, 2 cores, 2 threads, up to 3.40 GHz, 46 W) Intel® Pentium® G7400 (6 MB cache, 2 cores, 4 threads, up to 3.70 GHz, 46 W) 13th Generation Intel® Core™ i3-13100 (12 MB cache, 4 cores, 8 threads, 3.40 GHz to 4.50 GHz turbo, 60 W)

13th Generation Intel[®] Core™ i5-13400 (20 MB cache, 10 cores, 16 threads, 2.50 GHz to 4.60 GHz turbo, 65 W)

13th Generation Intel[®] Core™ i5-13500 (24 MB cache, 14 cores, 20 threads, 2.50 GHz to 4.80 GHz turbo, 65 W)

13th Generation Intel[®] Core™ i5-13600 (24 MB cache, 14 cores, 20 threads, 2.70 GHz to 5.00 GHz turbo, 65 W)

Intel® Q670

Windows 11 Home Windows 11 Pro

Windows 11 Pro Downgrade (Windows 10 image) Windows 11 Pro National Education
Windows 10 CMIT Government Edition (China only) Ubuntu® Linux® 22.04 LTS, 64-bit

4 GB, 1 x 4 GB, DDR4, 3200 MT/s, single-channel 8 GB, 1 x 8 GB, DDR4, 3200 MT/s, single-channel 8 GB, 2 x 4 GB, DDR4, 3200 MT/s, dual-channel 16 GB, 1 x 16 GB, DDR4, 3200 MT/s, single-channel 16 GB, 2 x 8 GB, DDR4, 3200 MT/s, dual-channel 32 GB, 1 x 32 GB, DDR4, 3200 MT/s, single-channel 32 GB, 2 x 16 GB, DDR4, 3200 MT/s, dual-channel 64 GB, 2 x 32 GB, DDR4, 3200 MT/s, dual-channel

2.5-inch, 500 GB, 7200 RPM, SATA, HDD 2.5-inch, 1 TB, 7200 RPM, SATA, HDD 3.5-inch, 1 TB, 7200 RPM, SATA, HDD 3.5-inch, 2 TB, 7200 RPM, SATA, HDD M.2 2230, 512 GB, PCle NVMe, SSD, Class 25 M.2 2230, 1 TB, PCle NVMe, SSD, Class 25 M.2 2230, 256 GB, PCle NVMe, SSD, Class 35 M.2 2230, 512 GB, PCle NVMe, SSD, Class 35 M.2 2230, 1 TB, PCle NVMe, SSD, Class 35

M.2 2230, 256 GB, PCIe NVMe, Opal Self-Encrypting drive, Class 35

M.2 2280, 512 GB, PCIe NVMe, SSD, Class 40 M.2 2280, 1 TB, PCIe NVMe, SSD, Class 40

M.2 2280, 512 GB, PCle NVMe, SSD, self-encrypting drive, Class 40 M.2 2280, 1 TB, PCle NVMe, SSD, self-encrypting drive, Class 40

Intel® UHD Graphics 710 with Intel® Celeron® G6900 and Intel® Pentium® Gold G7400 processors

Intel® UHD Graphics 730 13th Generation Intel® Core™ i5-13100

and i5-13400 processors

. Intel® UHD Graphics 770 with 13th Generation Intel® Core™ i5-13500

and i5-13600 processors

AMD Radeon™ RX6300, 2 GB, GDDR6 AMD Radeon™ RX6500, 4 GB, GDDR6

Intel® Wi-Fi 6E AX211 2x2 and Bluetooth® wireless card Realtek 8821CE Wi-Fi 5 1x1 and Bluetooth® wireless card Realtek 8852BE Wi-Fi 6 2x2 and Bluetooth® wireless card

Black

Realtek Audio Controller, ALC3246-CG, High Definition Audio

N/A

180 W internal Power Supply Unit (PSU), 85% Efficient, 80 Plus Bronze 300 W internal Power Supply Unit (PSU), 92% Efficient, 80 Plus Platinum

FEATURE TECHNICAL SPECIFICATION

MODEL NUMBER¹ OptiPlex Tower Plus 7010

PORTS1 Front:

1 USB 3.2 Gen 2x2 Type-C® port

1 USB 3.2 Gen 2 port

1 USB 2.0 port with PowerShare

1 USB 2.0 port

1 Universal audio jack port

1 SD-card 4.0 slot (optional)

Back:

3 USB 3.2 Gen 1 ports

1 USB 3.2 Gen 2 port

2 USB 2.0 ports with Smart Power On 1 Re-tasking line out/line in audio port

3 DisplayPort 1.4a ports (HBR2)

Note: Maximum resolution each up to 4096 x 2304 @60Hz

1 RJ-45 Ethernet port 10/100/1000 Mbps

1 Optional video port (HDMI 2.1/Displayport 1.4a (HBR3)/VGA/USB

Type-C with DisplayPort Alt mode)

Note: Maximum resolution for optional video port

HDMI 2.1: up to 4096 x 2160 @60Hz

DisplayPort 1.4a (HBR3): up to 5120 x 3200 @60Hz

VGA: up to 1920 x 1200 @60Hz

USB Type-C with DisplayPort Alt mode: up to 5120 x 3200 @60Hz

1 Optional Serial port

SLOTS 1 M.2 2230 slot for WiFi and Bluetooth combo card

3 M.2 2230/2280 slots for solid-state drive

4 SATA 3.0 slots for 2.5-inch/3.0-inch hard drive and slim optical drive

1 Full-height Gen 3 PCle x1 slot

1 Full-height Gen 4 PCle x16 slot

1 Full-height PCI-32 slot

1 Full height Gen 3 PCle x4 open-end slot

OPTICAL DRIVE Dell Slimline 8x DVD -/+ RW (optional)

DIMENSIONS US

Height: 14.45 in. (367.00 mm) Width: 6.65 in. (169.00 mm) Depth: 11.84 in. (300.80 mm)

Weight (minimum): 13.07 lb (5.923 kg) Weight (maximum): 21.24 lb (9.63 kg)

Rest of the world

Height: 367.00 mm (14.45 in.) Width: 169.00 mm (6.65 in.) Depth: 300.80 mm (11.84 in.) Weight (minimum): 5.93 kg (13.07 lb) Weight (maximum): 9.63 kg (21.24 lb)

PRODUCTIVITY SOFTWARE

Dell Command Suite Dell Digital Delivery

Dell Optimizer Excalibur

Support Assist Microsoft Office Adobe Acrobat Adobe Creative Cloud Adobe Lightroom

Adobe Photoshop Cyberlink Power DVD

Cyberlink Power/ Photo Director Cyberlink 365 Foxit PDF Editor Pro Foxit PDF Editor

SECURITY SOFTWARE

Workspace ONE Dell Trusted Device

Absolute Visibility (Standard) Absolute Control (Professional) Absolute Resilience (Premium) McAfee Business Protection

SECURITY HARDWARE

Kensington security-cable slot

Chassis intrusion switch

Trusted Platform Module (Discrete TPM Enabled)

Self-Encrypting Drives (SED)

TECHNICAL SPECIFICATION

OptiPlex Tower 7010

Front:

2 USB 3.2 Gen 1 ports 2 USB 2.0 ports 1 Universal audio jack port

2 USB 3.2 Gen 1 ports

2 USB 2.0 ports with Smart Power On

1 HDMI 1.4b port Note: Maximum resolution up to 1920 x 1200 @60Hz

1 DisplayPort 1.4a port (HBR2)

Note: Maximum resolution up to 4096 x 2304 @60Hz 1 Optional video port (HDMI 2.1/Displayport 1.4a (HBR3)/VGA)

Note: Maximum resolution for optional video port

HDMI 2.1: up to 4096 x 2160 @60Hz DisplayPort 1.4a (HBR3): up to 5120 x 3200 @60Hz

VGA: up to 1920 x 1200 @60Hz

1 Optional Serial port 1 RJ45 Ethernet Port 10/100/1000 Mbps

1 M.2 2230 slot for WiFi and Bluetooth combo card

1 M.2 2230/2280 slot for solid-state drive

3 SATA 3.0 slots for 2.5-inch/3.5-inch hard drive and slim optical drive

1 Full-height Gen 3 PCle x16 slot 2 Full-height Gen 3 PCle x1 slot

Dell Slimline 8x DVD -/+ RW (optional)

US

Height: 12.77 in. (324.30 mm) Width: 6.06 in. (154.00 mm) Depth: 11.50 in. (292.20 mm) Weight (minimum): 11.72 lb (5.32 kg) Weight (maximum): 14.38 lb (6.52 kg)

Rest of the world

Height: 324.30 mm (12.77 in.) Width: 154.00 mm (6.06 in.) Depth: 292.20 mm (11.50 in.) Weight (minimum): 5.32 kg (11.72 lb) Weight (maximum): 6.52 kg (14.38 lb)

Dell Command Suite Dell Digital Delivery Dell Optimizer Excalibur Support Assist Microsoft Office

Adobe Acrobat Adobe Creative Cloud Adobe Lightroom Adobe Photoshop Cyberlink Power DVD

Cyberlink Power/ Photo Director Cyberlink 365 Foxit PDF Editor Pro Foxit PDF Editor Workspace ONE

Dell Trusted Device

Absolute Visibility (Standard) Absolute Control (Professional) Absolute Resilience (Premium) McAfee Business Protection

Kensington security-cable slot

Chassis intrusion switch

Trusted Platform Module (Discrete TPM Enabled)

Self-Encrypting Drives (SED)

OPTIPLEX

TOWER

FEATURE TECHNICAL SPECIFICATION

MODEL NUMBER¹ OptiPlex Tower Plus 7010

SECURITY HARDWARE

Dell SafeBIOS Dell SafeID

Dell SafeSupply Chain

SUSTAINABILITY

Made with recycled plastics and closed-loop materials

Made with recycled steel in chassis

Packaging made with recycled and renewable materials

Factory direct Multipack offers

EPEAT registered configurations available ENERGY STAR qualified configurations available TCO 9.0 certified configurations available US CEC MEPS compliant configurations available

Australia and New Zealand MEPS compliant configurations available

CFL WEEE

Japan Energy Law South Korea E-standby

EU RoHS China RoHS

REGULATORY8,12

Product Safety, EMC and Environmental Datasheets

Dell Regulatory Compliance Home Page

Dell and the Environment

WARRANTY^{9,10}

3-Year Basic Warranty with hardware on-site service after remote

diagnosis

4-Year Basic Warranty extension

5-Year Basic Warranty extension

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-vear Accidental Damage Service

TECHNICAL SPECIFICATION

OptiPlex Tower 7010

Dell SafeBIOS

Dell SafeID

Dell SafeSupply Chain

Made with recycled plastics and closed-loop materials

Packaging made with recycled and renewable materials

Factory direct Multipack offers

EPEAT registered configurations available ENERGY STAR qualified configurations available US CEC MEPS compliant configurations available

Australia and New Zealand MEPS compliant configurations available

CEL

WFFF

Japan Energy Law South Korea E-standby

EU RoHS

China RoHS

Product Safety, EMC and Environmental Datasheets

Dell Regulatory Compliance Home Page

Dell and the Environment

1-year Basic Warranty with Hardware Service on-site service after remote

2-year Basic Warranty Extension

3-year Basic Warranty Extension

4-year Basic Warranty Extension 5-year Basic Warranty Extension

1-year ProSupport with Next Business Day on-site service

2-year ProSupport with Next Business Day on-site service

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

1-year ProSupport Plus for Client with Next Business Day on-site service

2-year ProSupport Plus for Client 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

1-year Accidental Damage Service

2-year Accidental Damage Service

3-year Accidental Damage Service 4-year Accidental Damage Service

Product disclaimers: page 2

1. Final performance benchmarks pending

- 2. Source: *Based on Dell anal ysis, October 2022. Dell Optimizer not available in OptiPlex 3000 series, Latitude Chromebook Enterprise, and Linux-based devices. Feature availability and functionality may vary by model. For more details visit: https://www.delltechnologies.com/asset/en-us/solutions/business-solutions/technical-support/dell-optimizer-features-availability-matrix.pdf.external.
- 3. Disclaimer: 6 GHz Wi-Fi 6E operation requires use of Intel® Wi-Fi 6E (Gig+) products in conjunction with operating systems and routers/APs/Gateways that support Wi-Fi 6E, together with regional spectrum allocation & required regulatory certifications. Not available in all markets. Visit intel.com/PerformanceIndex (Connectivity) for details.

Product disclaimers: page 3

- 1. Source: Based on Dell internal analysis, February 2023; weight varies by model
- 2. Renewable materials in the form of FSC (The Forest Stewardship Council) certified paper fibers from responsibly managed forests.
- *EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.
- 1. Offering may vary by region. Some items may be available after product introduction. For complete details, refer to the Setup and Specifications 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. Computrace: 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 extend ed 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.

