

Dell Inc. MARKETING NAME P2415Q www.dell.com

REGULATORY MODEL P2415Ob

REGULATORY TYPE NA **EFFECTIVE DATE** October 30, 2014

EMC EMISSIONS CLASS... B

TABLE OF CONTENTS

I.	GLOBAL ENVIRONMENTAL INFORMATION	2
i. II.	NFPA 99 CONFORMITY	
III.	POWER CORDS AND USER DOCUMENTATION	
IV.	DATASHEET RESPONSIBLE PARTY NAME AND ADDRESS	3
V.	TRADE (IMPORT/EXPORT) COMPLIANCE DATA	3
VI.	SYSTEM DIMENSION AND WEIGHT	3
VII.	PERFORMANCE DATA (ErP Lot 3 information is located in section XIII Appendix A)	3
VIII.	PRODUCT MATERIALS INFORMATION	
IX.	PACKAGING	
Χ.	BATTERIES	5
XI.	DESIGN FOR ENVIRONMENT	5
XII.	RECYCLING/ END-OF-LIFE SERVICE INFORMATION	6
XII	HELPELII LINKS	6

STATEMENT OF COMPLIANCE

This product has been determined to be compliant with the applicable standards, regulations, and directives for the countries where the product is marketed. The product is affixed with regulatory marking and text as necessary for the country/agency. Generally, Information Technology Equipment (ITE) product compliance is based on IEC and CISPR standards and their national equivalent such as Product Safety, IEC 60950-1 and European Norm EN 60950-1 or EMC, CISPR 22/CISPR 24 and EN 55022/55024. Dell products have been verified to comply with the EU RoHS Directive 2011/65/EU. Dell products do not contain any of the restricted substances in concentrations and applications not permitted by the RoHS Directive.

EMC Emissions Class refers to one of the following use environments:

- EMC Class B products are intended for use in residential/domestic environments but may also be used in nonresidential/non-domestic environments.
- EMC Class A products are intended for use in non-residential/non-domestic environments. Class A products may also be utilized in residential/domestic environments but may cause interference and require the user to take adequate corrective measures.

For Product Safety and EMC compliance, this product has been assigned a unique regulatory model and regulatory type that is imprinted on the product labeling to provide traceability to the regulatory approvals noted on this datasheet. This datasheet applies to any product that utilizes the assigned regulatory model and type including marketing names other than those listed on this datasheet. ErP compliance is tied to the CE mark.

REACH (Registration, Evaluation, Authorization and Restriction of Chemicals, 1907/2006) is the European Union's (EU) chemical substances regulatory framework. Dell complies with the REACH directive. For information on SVHC (Substances of Very High Concern), see www.dell.com/REACH.



Compliance documentation, such as certification or Declaration of Compliance for the product is available upon request to regulatory compliance@dell.com. Please include product identifiers such as marketing name, regulatory module, regulatory type and country that compliance information is needed in request.

Compliance documentation, such as certification or Declaration of Compliance for the product is available upon request to regulatory_compliance@dell.com. Please include product identifiers such as marketing name, regulatory module, regulatory type and country that compliance information is needed in request.

I. GLOBAL ENVIRONMENTAL INFORMATION

Product Certification or Declaration

Environmental				
Country	Approval	Compliance		
Global	Energy Star	Qualified		
US & Canada only	EPEAT	GOLD		
Rating varies by country, Refer				
to <u>www.epeat,net</u> for details				
China	CECP	Certified		
China	Energy Label	Certified		
China	CEC	Certified		
South Korea	E-standby	Certified		
EMEA	TCO	Certified		
Germany –Display with HDMI only	Energy Label	For specific product energy class and value		
		refer technical product spec		
		at http://accessories.euro.dell.com/sna/cate		
		gory.aspx?c=de&category_id=4009&cs=ded		
		hs1&l=de&ref=bkt&s=dhs		

Adapter Certification and Declaration (if product uses adapter)

Country	Authority/Mark
Australia/NZ	Australia/NZ MEPS
South Korea	South Korea MEPS
United States	US DOE
Canada	NRCan
California Energy Commission	Adapter & Battery Charger
EU	Regulation EC No 278/2009

For more details concerning environmental information, click www.dell.com/environmental_information

II. NFPA 99 CONFORMITY

Select Dell systems have been tested and found to comply with the touch current requirements as defined in 10.3.5 of National Fire Protection Association standard NFPA 99:2012. The touch current does not exceed 100 μ A with ground wire intact (if a ground wire is provided) and 500 μ A with ground disconnected at 127 V AC, 60 Hz when tested in accordance with 10.3.5 of NFPA 99: 2012. To determine if this product complies with the above requirements, send a request to regulatory_compliance@dell.com. Please include product identifiers such as marketing name, regulatory type and country for which compliance information is needed.



III. POWER CORDS AND USER DOCUMENTATION

Dell products are provided with the power cord and user documentation suitable for the intended country of delivery. Products that are relocated to other countries should use nationally certified power cords and plugs to ensure safe operation of the product. Contact Dell to determine if alternate power cords or user documentation in other languages is available for your market.

IV. DATASHEET RESPONSIBLE PARTY NAME AND ADDRESS

Dell Inc.

Department: Global Regulations and Standards

MS: PS4-30

Round Rock, Texas 78682, USA Regulatory_Compliance@Dell.com

V. TRADE (IMPORT/EXPORT) COMPLIANCE DATA

For any questions related to importing & exporting classification of Dell products, please obtain information from the following link: www.dell.com/import_export_compliance or send request to www.Export_Compliance@dell.com

VI. SYSTEM DIMENSION AND WEIGHT

For product dimension and weight, please refer to product specification/userguide/usermanual at www.dell.com

VII. ERFORMANCE DATA

Energy Consumption¹

Product Safety, EMC & Environmental Datasheet

Revision All

Page 3

¹ This document is informational only and reflects laboratory performance. Your product may perform differently, depending on the software, components and peripherals you ordered. Accordingly, the customer should not rely upon this information in making decisions about electrical tolerances or otherwise. No warranty as to accuracy or completeness is expressed or implied.



Service Level	Energy Consumption (Wattage)	BTU Calculation	Description of Service Level
*Maximum	40.12	137.2104	The system is running programs to maximize the power consumption.
On Mode	29.6	101.232	The product is connected to a power source and produces an image.
Sleep Mode	1	3.42	The reduced power state the display enters after receiving instructions from a content source (e.g. computer, game console, or set-top box), or via other functions (e.g. timers or sensors). A blank screen and reduction in power consumption characterize this mode. The display returns to On Mode with full operational capability upon sensing a signal from a source or function that can initiate that can initiate the reduced power state.
Off	0.3	1.026	The system is turned off but is still connected to its AC power source.

^{*}Maximum **Energy Consumption** results are based solely upon the laboratory testing of the **System Configuration** listed above.

Energy Consumption*

Energy efficiency benefits the environment and lowers the total cost of equipment ownership by reducing power consumption. Dell offers energy calculators that help estimate power needs, potential emissions avoidance and potential cost savings. Click here for Dell's Client Energy Savings Calculator, Data Center Capacity Planner, and Monitor Power Savings Calculator. Information on Energy Efficiency is available here

* This document is informational only and reflects laboratory performance. Your product may perform differently, depending on the software, components and peripherals you ordered. Accordingly, the customer should not rely upon this information in making decisions about electrical tolerances or otherwise. No warranty as to accuracy or completeness is expressed or implied.

For more details visit www.dell.com/environmental information

VIII. PRODUCT MATERIALS INFORMATION²

Information on Dell's material use is available here

To review Dell's Restricted Material Guidance document click here.

The case material is. >ABS+PET<

- This product contains 25% post-consumer recycled plastic on chassis
- Marking of plastic parts greater than 25 grams are done in accordance with ISO 11469 (see below)

Revision A11 Page 4

^{*} Energy Consumption results are based solely upon the laboratory testing of the System Configuration listed above. Energy consumption is tested at 230 Volts / 50 Hz.

² Waste Handling. Local regulations should be observed when disposing of this product due to the presence of the materials and substances as listed above.



Flame Retardants Used in Motherboard

Part	Flame Retardant	
Motherboard	Halogen-free Organic Phosphates Compounds	

Flame Retardants Used in Mechanical Plastic Parts > 25 grams

Resin Material Name	Marking per ISO 11469:2000, 11469:1996	Flame Retardant Marking per ISO 1043-4 (i.e. FR(16), FR(40), etc.)	Flame Retardant (i.e. TBBPA, triaryl phosphate ester, etc.)	List applicable R-Phrase(s) or Hazard Statement(s) per EU Directive 67/548/EEG or 1272/2008
ABS-HB	>ABS+PET<	None	Halogen-free Organic Phosphates Compounds	None

Mercury Information

Number of bulbs	Average per bulb
0	0 mg

For more information Dell's compliance to various materials restrictions regulations and list of substance prohibited from use please click www.dell.com/environmental_information

For additional information please visit:

- Restricted Material Compliance <u>www.dell.com/environmental_information</u>
- Products MSDS (Material Safety Data Sheets):
 - o Batteries: <u>Battery MSDS Documentation and Declaration</u>
 - o Printer Toner and Ink: MSDS Documentation

IX. PACKAGING

Information on Dell's sustainable packaging effort available <u>here</u>. Additional materials restricted in Packaging as per Dell's Restricted Material Guidance document found <u>here</u>

Packaging Materials	Total Weight of each Material type, (kg)	% of Post-Consumer Recycled Content (PCR)
Carton box (Corrugated Fibred Board)	1.61	79%
Cushion (Corrugated Fibred Board)	1.28	79%
Plastic Bags- LDPE	0	0%
Plastic bags- EPE	0.06	0%
Plastic Screen Protector-Others	NA	NA



For more details on packaging please click www.dell.com/environmental_information

X. BATTERIES

Below is a listing of batteries that could be present in the product: (If only product contain battery)

Battery Description – Batteries	Battery Type	Battery Weight (kg)
CR-2032 coin cell	Lithium	NA
AA or AAA Remote Control Battery	Alkaline	NA
AA or AAA Wireless Mouse and/or Keyboard	Alkaline	NA
Rechargeable Battery x cell	Lithium Ion	NA

XI. DESIGN FOR ENVIRONMENT

Dell systems are, when applicable, designed for easy assembly, disassembly, and servicing. For more information on product Recyclability please visit www.dell.com/environmental_information

XII. RECYCLING/ END-OF-LIFE SERVICE INFORMATION

Take back and recycling services are offered for this product in certain countries. If you want to dispose of system components, contact Dell for instructions by emailing recycling_emea@dell.com or visit www.dell.com/recyclingworldwide and select the relevant country

XIII. HELPFUL LINKS

- Environmental Policy
 - http://i.dell.com/sites/content/corporate/corp-comm/en/Documents/dell-global-environmental-policy.pdf
- Environment Website www.dell.com/earth
- Corporate Sustainability Report
 - http://www.dell.com/Learn/us/en/uscorp1/report?c=us&l=en&s=corp&delphi:gr=true
- ISO 14001 Certification
 - http://i.dell.com/sites/content/corporate/corp-comm/en/Documents/dell-iso14001-worldwide.pdf
- Materials Restricted for Use
 - http://www.dell.com/downloads/global/corporate/environ/restricted_materials_guid.pdf
- Chemical Use Policy
 - http://i.dell.com/sites/doccontent/corporate/environment/en/Documents/chemical-use-policy.pdf
- Client Energy Calculator
 - $\underline{http://www.dell.com/content/topics/topic.aspx/global/products/landing/en/client-energy-calculator?c=us\&l=energy-calculator.c=us\&l=energy-calcu$
- Product Carbon Footprint
 - http://content.dell.com/us/en/corp/d/corp-comm/environment_carbon_footprint_products
- RoHS Compliance
 - www.dell.com/rohsinfo
- REACH Compliance
 - www.dell.com/REACH
- Recycling Information



www.dell.com/recycling

• Supplier Responsibility http://content.dell.com/us/en/corp/d/corp-comm/standards-for-suppliers.aspx