



# NSAI

## Certificate of Registration of Quality Management System to ISO 9001:2015

The National Standards Authority of Ireland certifies that:

**Dell Inc.  
One Dell Way  
Round Rock, TX 78682  
USA**

has been assessed and deemed to comply with the requirements of the above standard in respect of the scope of operations given below:

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**The Design, Development, Manufacture, Procurement, Fulfillment, Delivery, Sales Operations, Customer Service, Support, Deployment, Consulting, Educational Services, Take-Back and Recycling, Refurbishment and Supporting Functions of Technology Products, Services and Solutions**

**Additional sites covered under this multi-site certification are listed on the Annex (File No. 19.5000)**

Approved by:  
Geraldine Larkin Chief  
Executive Officer

Approved by:  
Lisa Greenleaf  
Operations Manager

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Registration Number: 19.5000  
Certification Granted: Jan 25, 2011  
Effective Date: Jan 24, 2019  
Expiry Date: Jan 24, 2020



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National Standards Authority of Ireland, 20 Trafalgar Square, Nashua, New Hampshire, NH 03063, USA T +1 603 882 4412



# EU DECLARATION OF CONFORMITY

Name and Address of the manufacturer:

Dell Inc.  
One Dell Way  
MS: PS4-30  
Round Rock, Texas USA 78682

Name and address of the authorised representative:

Dell Products Europe BV  
Raheen Business Park  
Limerick, Ireland  
Email [product.compliance@dell.com](mailto:product.compliance@dell.com)

This declaration of conformity is issued under the sole responsibility of Dell, Inc.

## OBJECT OF THE DECLARATION

Type of Object.....: **DESKTOP COMPUTER**  
Regulatory Model.....: **D11S**  
Regulatory Type<sup>1</sup>.....: **D11S004**  
Trade/Manufacturer name.: **DELL**

The object of the declaration described above is in conformity with the following Directives:

- DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC
- DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment
- DIRECTIVE 2009/125/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products

The object of the declaration is in compliance with the following European standards, regulations, and technical references:

**SAFETY:** EN 60950-1:2006 +A1:2010 +A2:2013 +A11:2009 +A12:2011  
EN 62311:2008

**EMC:** EN 55032:2012  
EN 55032:2015  
EN 55024:2010 +A1:2015  
EN 61000-3-2:2014 (Class D)  
EN 61000-3-3:2013  
DRAFT EN 301 489-1 V2.2.0  
DRAFT EN 301 489-17 V3.2.0

**ENERGY:** EN 50564:2011  
EN 62623:2013  
Commission Regulation (EU) No. 617/2013

**RoHS:** EN 50581:2012

**RADIO:** **WLAN/Bluetooth** **RFID/NFC (Optional)**  
EN 300 328 V2.1.1 EN 300 330 V2.1.1  
EN 301 893 V2.1.1  
EN 300 440 V2.1.1 (Does not cover performance parameters for receiver categories 2 & 3)

**SUPPLEMENTARY INFORMATION:** The object of this declaration has been tested and found to comply with the electromagnetic compatibility (EMC) limits for a **Class B** digital device pursuant to the listed directives, regulations and standards. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential or business environment. Optional devices, such as radios, conform to the noted standard when the Dell Inc. provided devices are installed in the product. The equipment was tested in a typical configuration.

Round Rock, Texas, USA

Place of Issue

Feb 1, 2019

Date of Issue

CDD11S004-1

Dell Document Control Tracking Number

Signed for and on behalf of Dell Inc.

Wu Maurice

Full Printed Name

Sr. Manager/, Dell Global Product Compliance and Environmental Affairs

Position/Title

<sup>1</sup> Regulatory Type uniquely identifies the product, radio, apparatus and EEE which is the object of this DoC.



# EU DECLARATION OF CONFORMITY

Name and Address of the manufacturer:

Dell Inc.  
One Dell Way  
MS: PS4-30  
Round Rock, Texas USA 78682

Name and address of the authorised representative:

Dell Products Europe BV  
Raheen Business Park  
Limerick, Ireland  
Email [regulatory\\_compliance@dell.com](mailto:regulatory_compliance@dell.com)

This declaration of conformity is issued under the sole responsibility of Dell, Inc.

### OBJECT OF THE DECLARATION

Type of Object.....: **Flat Panel Monitor**  
Regulatory Model.....: **E2218Hnf**  
Regulatory Type<sup>1</sup>.....: **NA**  
Trade/Manufacturer name.: **DELL**

The object of the declaration described above is in conformity with the following Directives:

- DIRECTIVE 2014/30/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility (recast)
- DIRECTIVE 2014/35/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits
- Directive 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment
- Directive 2009/125/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products

The object of the declaration described above has been assessed and found compliance with the following harmonised standards and technical references:

**SAFETY:** EN 60950-1:2006 +A1:2010 +A2:2013 +A11:2009 +A12:2011/IEC 60950-1:2005 ed2 +A1:2009 +A2:2013  
EN 62311:2008

**EMC:** EN 55032:2012+AC:2013/CISPR 32:2012+Cor 2  
EN 55032:2015/CISPR 32:2015  
EN 55024:2010 +A1:2015/CISPR 24:2010 +A1:2015  
EN 61000-3-2:2014/IEC 61000-3-2:2014 (Class D)  
EN 61000-3-3:2013/IEC 61000-3-3:2013

**ENERGY:** EN 50564:2011/IEC 62301:2011  
Commission Regulation (EC) No. 1275/2008  
Commission Regulation (EU) No. 801/2013

**RoHS:** EN 50581:2012

**SUPPLEMENTARY INFORMATION:** The object of this declaration has been tested and found to comply with the electromagnetic compatibility (EMC) limits for a **Class B** digital device pursuant to the listed directives, regulations and standards. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential or business environment. The equipment was tested in a typical configuration.

**Round Rock, Texas, USA**

Place of Issue

**May 5, 2017**

Date of Issue

Signed for and on behalf of Dell Inc.

**CY Chang**

Full Printed Name

**Sr. Manager, Dell Global Product Compliance and Environmental Affairs**

Position/Title

<sup>1</sup> Regulatory Type uniquely identifies the product, radio, apparatus and EEE which is the object of this DoC.



# Product Compliance Datasheet

**MARKETING NAME.....: OptiPlex 3070 SFF**

**REGULATORY MODEL.....: D11S**

**REGULATORY TYPE.....: D11S004**

**EMC EMISSIONS CLASS.....: B**

**EFFECTIVE DATE.....: May 31, 2019**

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# I. 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. Dell manufacturers and markets Multimedia Equipment (MME), Information Technology Equipment (ITE), Audio Visual Equipment (A/V), Industrial, Scientific, Medical Equipment (ISM) or combinations of these. Generally, products Electromagnetic Compatibility (EMC) and Product Safety compliance is based on International IEC and CISPR standards and their national equivalent along with national standards for Radio (wireless), Telecommunications (Modem) and Energy. Dell products have been verified to comply with the Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU of the European Parliament and the Council. Dell product does 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 product is intended for use in residential/domestic environments but may also be used in nonresidential/non-domestic environments.
- EMC Class A product is intended for use in non-residential/non-domestic environments. Class A product 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 regulatory 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. Dell products with the CE marking have been verified to comply with Energy Related Products (ErP) Directive 2009/125/EC of the European Parliament and of the Council. [https://www.dell.com/ErP\\_User\\_Information](https://www.dell.com/ErP_User_Information). REACH (Registration, Evaluation, Authorization and Restriction of Chemicals), Regulation (EC) 1907/2006 of the European Parliament and of the Council is the European Union's (EU) chemical substances regulatory framework. Dell complies with the REACH regulation. For information on SVHC (Substances of Very High Concern), see [www.dell.com/REACH](http://www.dell.com/REACH). This products compliance documentation, such as this datasheet and the European Union Declaration of Conformity are available on the product support page, manuals tab <http://www.dell.com/support>. Additional compliance documentation for the product is available upon submitting a request at [http://www.dell.com/regulatory\\_compliance](http://www.dell.com/regulatory_compliance). Please include product identifiers such as marketing name, regulatory model, regulatory type and country that compliance information is needed in the email request.



## II. Global Environmental Information

Environmental (Voluntary Marks)		
Country	Approval	Compliance
Global	ENERGY STAR (Configuration Dependent)	<i>Computer Version 7.1</i>
Global	TCO Certified	<i>TCO 5.0</i>
Germany	Blue Angel	No
China	CECP	Yes
China	CEC	Yes
Japan	Green PC Label	Yes
Taiwan	Greenmark	Yes
Varies by Country See <a href="http://EPEAT.net">EPEAT.net</a>	EPEAT (Configuration Dependent)	EPEAT 2018: Bronze

## III. 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  $\mu$ A with ground wire intact (if a ground wire is provided) and 500  $\mu$ 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 [Product\\_Compliance@Dell.com](mailto:Product_Compliance@Dell.com). Please include product identifiers such as marketing name, regulatory type and country for which compliance information is needed.

## IV. Declaration of Similarity

Object of the Declaration	
Product Type	Desktop Computer
Regulatory Model Number	D11S
Regulatory Type Number	D11S004
Trade Name/ Trade Mark	DELL
Marketing Name(s)	OptiPlex 3070 SFF

Dell Inc. hereby declares that the products identified by the product designations listed in this declaration are strictly identical in design (shape, opening, etc.) components, materials, manufacturing process, and markings except for product designation – Trade Name and/or Trade Mark as specified in this declaration.

The products may have very minor differences which do not impact the level of conformity. All products identified by the product designations in this declaration have the same level of conformity according to the certificate(s) provided.

The Trade Name / Trade Mark and/or Marketing Name(s) are the property of Dell Inc. Any differences in the product designation are for marketing purposes only.



Date of Issue	May 31, 2019	Signature on behalf of Dell Inc.	Dell Inc. Dell Global Product Compliance and Environmental Affairs
Title	Dell Global Product Compliance and Environmental Affairs		

## V. 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.

## VI. Trade (Import/Export) Compliance Data

For any questions related to importing & exporting classification of Dell products, please obtain information from the following link: <http://www.dell.com/learn/us/en/uscorp1/import-export> or send email request to [WW\\_Export\\_Compliance@dell.com](mailto:WW_Export_Compliance@dell.com). Please include product identifiers such as marketing name, regulatory model, regulatory type and country that compliance information is needed in the email request.

## VII. Product Dimensions and Weight

Depth, mm/cm	Width, mm/cm	Height, mm/cm	Weight, kg
292/29.2	92.6/9.26	290/29	5.26(depending upon installed options)

## VIII. Performance Data

ErP Lot 3 & Lot 26 information is in Appendices A and B, respectively.

For additional information on how Dell's commitment to energy efficiency benefits you go to: [Reducing your Footprint](#)

For additional information on ENERGY STAR models refer to the following database: [ENERGY STAR Product Finder](#)



\***Energy Consumption** results are based solely upon the laboratory testing of the **System Configuration** and in accordance to the described service level. Energy consumption is tested at 230 Volts / 50 Hz.

Energy Consumption<sup>1</sup>

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](#).

**Declared noise emission values in accordance with ISO 9296. Testing performed in compliance with ISO 7779 with operating modes defined by ECMA-74.**

**OptiPlex Desktop:**

Declared noise emission values in accordance with ISO 9296. Testing performed in compliance with ISO 7779 with operating modes defined by ECMA-74.

SSD/Integrated Graphics Configuration		
Component	Configuration	
CPU	i7 - 9700	
Memory	4GB	
HDD/SSD (#, capacity)	1, 256GB	
RMSD (Removable Media Storage Device)	DVD+/-RW	
Graphic Adapter	I	
Power Supply Output Wattage & Efficiency	200W	0.82

Operating Mode	Sound Power Declared mean A-weighted level	Sound Power Statistical adder for verification	Sound Pressure Declared mean A-weighted emission level $L_{pA,m}(dB)$	
	$L_{WA,m}(bels)$	$K_v, (bels)$	Operator	Bystander
Idle	2.52	0.4	18	16.7
HDD Operating	2.53	0.4	18.1	16.7
CPU Stressed	3.71	0.4	30.9	26.1
ODD Operating	4.37	0.4	34.6	33.3

<sup>1</sup>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 <https://www.dell.com/learn/us/en/uscorp1/dell-environment>





## OptiPlex Desktop: SSD/Integrated Graphics Configuration <sup>1</sup>

Service Level	Energy Consumption (Wattage)	BTU Calculation	Description of Service Level
CPU stressed	55.33	0.05	System is running programs to maximize CPU utilization.
Short Idle	12.65	0.01	As specified EPA Energy Star Computers
Long Idle	11.57	0.01	
Sleep	1.62	0.00	Suspend-to-RAM (low-power/sleep mode) or Modern Standby
Off	0.38	0.00	System is turned off but still connected to its AC power source.
E-TEC	0.00	0.00	Calculated annual energy consumption in kWh using conventional duty cycle

<sup>1</sup>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 <https://www.dell.com/learn/us/en/uscorp1/dell-environment>



## IX. Product Materials Information

Information on Dell's material use is available [here](#).

Dell's Restricted Material for Use guidance document is available [here](#).

- The case material is >ABS<
- This product contains 37.1% post-consumer recycled plastic and /or closed loop recycled plastics (ITE-derived)\*

(\*Measured as a percentage of total amount of plastic (by weight) in the product as per guidance in EPEAT standard as applies to plastics parts)

Mechanical plastic parts <sup>2</sup> > 25 g are BFR/PVC free	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Marking of plastics parts greater than 25 grams is in accordance with ISO 11469 (see below)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Printed circuit boards (without components) >25g are BFR PVC free <sup>3</sup>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
Insulation materials of external electrical cables are PVC free	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
Insulation materials of internal electrical cables are PVC free	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
Product is BFR/PVC Free (Accessories & Options may not be BFR/PVC-Free, refer to spec ENV0199)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### Flame Retardants Used in Motherboard

Part	Flame Retardant
Motherboard	BFR(TBBP-A)

<sup>2</sup>Mechanical plastic part: plastic parts that do not internally carry an electrical signal such as housings, brackets, bezels, latches, etc. that form the basic structure of the product and/or have mechanical functions. Plastic parts such as fans, connectors, printer fuser assemblies, etc. are not considered "mechanical plastic parts" in the context of this specification. Plastics parts do not contain no more than 0,1% weight (1000 ppm) bromine and 0,1% weight (1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, and polyvinyl chloride (Per Dell Spec ENV0424)

<sup>3</sup>Dell will adopt the BFR/CFR/PVC-free definition as set forth in the "iNEMI Position Statement on the Definition of 'Low-Halogen' Electronics (BFR/CFR/PVC-Free)." Plastic parts contain <1000 ppm (0.1 percent) of bromine (if the Br source is from BFRs) and <1000 ppm (0.1 percent) of chlorine if the Cl source is from CFRs, PVC or PVC copolymers. All printed circuit board (PCB) and substrate laminates contain bromine/chlorine totaling less than 1,500 ppm (0.15 percent), with maximum chlorine of 900 ppm (0.09 percent) and maximum bromine of 900 ppm (0.09 percent)



**Flame Retardants Used in Mechanical Plastic Parts > 25 grams**

Resin Material Name	Plastic Part Marking per ISO 11469:2016	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	>ABS<	N/A	N/A	N/A
PC/ABS	>PC+ABS-FR(40)<	FR(40)	Organo Phosphate	R43

**Mercury Information**

Number of bulbs	Average per bulb
0	0 mg

**Additional information:**

- RoHS and REACH declaration - see *Materials – Restricted Material Compliance* section at: [www.dell.com/environmental\\_information](http://www.dell.com/environmental_information)
- Products MSDS (Material Safety Data Sheets):  
 Batteries: [Battery MSDS Documentation and Declaration](#)  
 Printer Toner and Ink: [MSDS Documentation](#)



## X. Packaging

Information on Dell's sustainable packaging effort available [here](#). Additional materials restricted in Packaging as per Dell's Material Restricted for Use Standard document can be found [here](#).

Packaging Materials	Total Weight, (g)	Sustainable Material Content[1] (e.g Recycled content *, bio-based, Sustainable Forested materials)	% Sustainable Material		
			APJ region	DAO region	EMEA region
Corrugated Fiberboard	910	Recycled Content	Min 35%	Min 35%	Min 35%
Molded paper pulp	360	Recycled content	100%	100%	100%
LDPE Bags	23	Recycled content	0%	0%	0%

## XI. Batteries

Below is a listing of batteries that could be present in the product:

Battery Description – Batteries	Battery Type	Battery Weight (kg)	Rating
CR-2032 coin cell	Lithium Metal	0.0032	10mA

## XII. Design for Environment

Dell systems are, when applicable, designed for easy assembly, disassembly, and servicing. For more information on Dell's Environmental product attributes please visit <https://www.dell.com/learn/us/en/uscorp1/dell-environment?s=corp>.

## XIII. 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, please visit [www.dell.com/recyclingworldwide](http://www.dell.com/recyclingworldwide) and select the relevant country.



## XIV. Helpful Links

- **Environmental Policy**  
<https://i.dell.com/sites/content/corporate/corp-comm/en/Documents/dell-global-environmental-policy.pdf>
- **Environment Website**  
<https://www.dell.com/learn/us/en/uscorp1/dell-environment?s=corp>
- **Corporate Social Responsibility 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/enviro/restricted\\_materials\\_guid.pdf](http://www.dell.com/downloads/global/corporate/enviro/restricted_materials_guid.pdf)
- **Chemical Use Policy**  
<http://i.dell.com/sites/doccontent/corporate/environment/en/Documents/chemical-use-policy.pdf>
- **Product Carbon Footprint**  
[http://content.dell.com/us/en/corp/d/corp-comm/environment\\_carbon\\_footprint\\_products](http://content.dell.com/us/en/corp/d/corp-comm/environment_carbon_footprint_products)
- **RoHS Compliance**  
<https://www.dell.com/learn/us/en/uscorp1/envt-info-materials>
- **REACH Compliance**  
[www.dell.com/REACH](http://www.dell.com/REACH)
- **Recycling Information**
- <http://www.dell.com/recycling>
- **Supplier Responsibility**  
<http://content.dell.com/us/en/corp/d/corp-comm/standards-for-suppliers.aspx>



# A Appendix A: ErP Lot 3 Product Energy Consumption Information

## European Union (EU) ErP Lot 3 (Commission Regulation (EC) No. 617/2013)

The ErP Lot 3 regulation includes requirements for certain product specific information to be provided by the manufacturer. This is applicable to Desktops, Integrated Desktops (All-in-One), Notebooks, Tablets, Slates, Notebook Thin Clients, Desktop Thin Clients, Workstations, Mobile Workstations, Computer Servers, and Small-Scale Servers.

ErP Lot 3 provides certain exclusions based upon product type, screen size, and/or the amount of power consumed in idle mode. Product energy and acoustic information might be reported for products that are out of scope of ErP Lot 3 for informational purposes only.

Category	Category B	Category C	Category D
Processor Speed in GHz	3.1	3.7	3.7
Number of Cores	2	4	4
Total Installed System Memory in GB	4	2	4
Graphics	G3 (with FB Data Width <= 128-bit)	G3 (with FB Data Width <= 128-bit)	G3 (with FB Data Width <= 128-bit)
WOL enabled in "Sleep" Mode	No	No	No
WOL enabled in "Off" Mode	No	No	No
<i>As Tested:</i> Lowest Power State	0.39	0.38	0.38
<i>As Tested:</i> Poff(W) WOL Disabled	0.39	0.38	0.38
<i>As Tested:</i> Poff(W) WOL Enabled			
<i>As Tested:</i> Psleep(W) WOL Disabled	1.64	1.62	1.64
<i>As Tested:</i> Psleep(W) WOL Enabled			
<i>As Tested:</i> Pidle(W)	21.47	21.73	21.48
<b>Base TEC Limit (kWh)</b>	<b>112</b>	<b>134</b>	<b>150.00</b>
<b>TEC Adders Limit (kWh)</b>	<b>40.00</b>	<b>38.00</b>	<b>38.00</b>
<b>Base + Adders TEC Limit (kWh)</b>	<b>152.00</b>	<b>172.00</b>	<b>188.00</b>
<b>Results TEC</b>	<b>77.83</b>	<b>78.68</b>	<b>77.82</b>

Power Supply Model #	Internal or External	Link to efficiency report
AC200EB S-00	Internal	<a href="https://cleareresult5.sharepoint.com/:b:/s/PLS/EV4d1OqMxJFtrYZB6ilrSp8B0s0Aw26jQQPIJKJ1u1X1gA">https://cleareresult5.sharepoint.com/:b:/s/PLS/EV4d1OqMxJFtrYZB6ilrSp8B0s0Aw26jQQPIJKJ1u1X1gA</a>
H200EBS-00	Internal	<a href="https://cleareresult5.sharepoint.com/:b:/s/PLS/EenCw3hTaw5HuncqZjy5OZsBX81SNWjivfFt1TRstw2Nmw">https://cleareresult5.sharepoint.com/:b:/s/PLS/EenCw3hTaw5HuncqZjy5OZsBX81SNWjivfFt1TRstw2Nmw</a>
H200EPS-00	Internal	<a href="https://cleareresult5.sharepoint.com/:b:/s/PLS/EX6uqKbT5ipBn998IsSFOwAB8cD9KcKEKAgb8SvTWzYPew">https://cleareresult5.sharepoint.com/:b:/s/PLS/EX6uqKbT5ipBn998IsSFOwAB8cD9KcKEKAgb8SvTWzYPew</a>
H300EGS-00	Internal	<a href="https://cleareresult5.sharepoint.com/:b:/s/PLS/EfUwgVE7k79BoyWIIDJAOaQBPHt3yengCFcS0OMvnFT24Q">https://cleareresult5.sharepoint.com/:b:/s/PLS/EfUwgVE7k79BoyWIIDJAOaQBPHt3yengCFcS0OMvnFT24Q</a>
HU200EB S-00	Internal	<a href="https://cleareresult5.sharepoint.com/:b:/s/PLS/Ee-lwxUz5mZnkwpZHnqsAkBzHx1DD7TrPvDIP56fdTkVQ">https://cleareresult5.sharepoint.com/:b:/s/PLS/Ee-lwxUz5mZnkwpZHnqsAkBzHx1DD7TrPvDIP56fdTkVQ</a>
HU300EG S-00	Internal	<a href="https://cleareresult5.sharepoint.com/:b:/s/PLS/EXXSypQ1ORdOkIwZ_MgeyA4B7frkOGS9_iufwZNdYjXR_g">https://cleareresult5.sharepoint.com/:b:/s/PLS/EXXSypQ1ORdOkIwZ_MgeyA4B7frkOGS9_iufwZNdYjXR_g</a>
L200EBS-00	Internal	<a href="https://cleareresult5.sharepoint.com/:b:/s/PLS/EcQ-FdXuNIRMqBmLloOgEssBekcyvao7Q29Bf21pdLg_Tg">https://cleareresult5.sharepoint.com/:b:/s/PLS/EcQ-FdXuNIRMqBmLloOgEssBekcyvao7Q29Bf21pdLg_Tg</a>
L200EPS-00	Internal	<a href="https://cleareresult5.sharepoint.com/:b:/s/PLS/ERYax59INKxMtJdSQyTeTiUBLnimD08h-RGbjUOFLkSBfw">https://cleareresult5.sharepoint.com/:b:/s/PLS/ERYax59INKxMtJdSQyTeTiUBLnimD08h-RGbjUOFLkSBfw</a>



D200EPS-00	Internal	<a href="https://cleareresult5.sharepoint.com/:b/s/PLS/ETiHLFFIVMRJrCsicArelY8BfceC4dwDfcwldZf6ccizEA">https://cleareresult5.sharepoint.com/:b/s/PLS/ETiHLFFIVMRJrCsicArelY8BfceC4dwDfcwldZf6ccizEA</a>
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\* **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.

#### Energy Consumption<sup>4</sup>

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](#).

Declared Noise Emissions in accordance with ISO 9296. Testing performed in accordance with ISO 7779 at operating modes defined by ECMA 74. Your product may perform differently, depending on the software, components and peripherals you ordered. No warranty as to accuracy or completeness is expressed or implied.

#### Computers Category B:

Service Level	Sound Power Declared mean A-weighted level	Statistical adder for verification	Sound Pressure Declared mean A-weighted emission level
	L <sub>WA,m</sub> (B)	K <sub>v</sub> (B)	L <sub>pA,m</sub> (dB)
HDD Accessing	2.74	0.4	18.4
ODD Accessing	4.34	0.4	32.2
Idle	2.71	0.4	15.6

#### Computers Category C:

Service Level	Sound Power Declared mean A-weighted level	Statistical adder for verification	Sound Pressure Declared mean A-weighted emission level
	L <sub>WA,m</sub> (B)	K <sub>v</sub> (B)	L <sub>pA,m</sub> (dB)
HDD Accessing	2.75	0.4	18.5
ODD Accessing	4.26	0.4	32.4
Idle	2.72	0.4	18.0

<sup>4</sup>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 <https://www.dell.com/learn/us/en/uscorp1/dell-environment>



**Computers Category D:**

Service Level	Sound Power Declared mean A- weighted level	Statistical adder for verification	Sound Pressure Declared mean A- weighted emission level
	$L_{WA,m}$ (B)	$K_V$ (B)	$L_{pA,m}$ (dB)
HDD Accessing	2.88	0.4	19.2
ODD Accessing	4.30	0.4	33.1
Idle	2.87	0.4	18.9





## B Appendix B: ErP Lot 26 Network Standby Energy Consumption Information

### **European Union (EU) ErP Lot 26 (Commission Regulation (EC) No 801/2013)**

The ErP Lot 26 regulation includes Network Standby power requirements to be provided by the manufacturer. This is applicable to multiple product categories. If no information is reported, it's assumed it is out of scope of ErP Lot 26.





MARKETING NAME: E2218HN
REGULATORY MODEL: E2218HNF
REGULATORY TYPE: NA
EFFECTIVE DATE: June 6, 2017
EMC EMISSIONS CLASS: B

Dell Inc.
www.dell.com

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STATEMENT OF COMPLIANCE

This equipment has been determined to be compliant with the applicable standards, regulations, and directives for the countries where the equipment is marketed. The equipment is affixed with regulatory marking and text as necessary for the country/agency. Dell manufacturers and markets Multimedia Equipment (MME), Information Technology Equipment (ITE), Audio Visual Equipment (A/V), Industrial, Scientific, Medical Equipment (ISM) or combinations of these. Generally, equipment Safety and EMC compliance is based on International IEC and CISPR standards and their national equivalent along with national standards for Radio (wireless), and Energy. Dell products have been verified to comply with the EU RoHS Directive 2011/65/EU. Dell equipment does 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 equipment is intended for use in residential/domestic environments but may also be used in nonresidential/non-domestic environments.
• EMC Class A equipment is intended for use in non-residential/non-domestic environments. Class A equipment may also be utilized in residential/domestic environments but may cause interference and require the user to take adequate corrective measures.

For Safety and EMC compliance, this equipment has been assigned a unique regulatory model and regulatory type that is imprinted on the equipment regulatory labeling to provide traceability to the regulatory approvals noted on this datasheet. This datasheet applies to any equipment 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 equipment is available upon request to product\_compliance@dell.com. Please include equipment identifiers such as marketing name, regulatory module, regulatory type and country that compliance information is needed in request.



## I. GLOBAL ENVIRONMENTAL INFORMATION

Environmental		
Country	Approval	Compliance
Global	Energy Star	NA
US & Canada (varies by country)	EPEAT	NA
China	CECP	Certified
China	CEC	Certified
Global	TCO Certified Display	Certified
Germany –Display with HDMI only	Energy Label	For specific product energy class and value refer technical product spec at <a href="http://accessories.euro.dell.com/sna/category.aspx?c=de&amp;category_id=4009&amp;cs=dedhs1&amp;l=de&amp;ref=bkt&amp;s=dhs">http://accessories.euro.dell.com/sna/category.aspx?c=de&amp;category_id=4009&amp;cs=dedhs1&amp;l=de&amp;ref=bkt&amp;s=dhs</a>

### Adapter Certification and Declaration (Applicable only if product uses an external 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](http://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  $\mu$ A with ground wire intact (if a ground wire is provided) and 500  $\mu$ 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](mailto: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](mailto: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](http://www.dell.com/import_export_compliance) or send request to [WW\\_Export\\_Compliance@dell.com](mailto:WW_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](http://www.dell.com)

#### VII. PERFORMANCE DATA

##### Energy Consumption<sup>1</sup>

Service Level	Energy Consumption (Wattage)	BTU Calculation	Description of Service Level
<b>*Maximum</b>	20	68.40	The system is running programs to maximize the power consumption.
<b>On Mode</b>	15.08	51.58	The product is connected to a power source and produces an image.
<b>Sleep Mode</b>	0.25	0.86	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.
<b>Off</b>	0.2	0.69	The system is turned off but is still connected to its AC power source.
<b>Power Supply</b>	NA	NA	Portables only! AC adapter is tested with no load attached
<b>Power Supply</b>	NA	NA	Portables only! AC adapter is tested with active load attached

\* **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.

<sup>1</sup> 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.



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](http://www.dell.com/environmental_information)

## VIII. PRODUCT MATERIALS INFORMATION<sup>2</sup>

Information on Dell's material use is available [here](#).

To review Dell's Restricted Material Guidance document click [here](#).

- The case material is ABS-HB
- This product contains 25% post-consumer recycled plastic
- Marking of plastic parts greater than 25 grams are done in accordance with ISO 11469 (see below)

### Flame Retardants Used in Motherboard

Part	Flame Retardant
Motherboard	<b>Halogen-free Organic Phosphates Compounds</b>

### 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<	94HB	NA	None

### Mercury Information

Number of bulbs	Average per bulb
0	0 mg

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



For additional information please visit:

- Restricted Material Compliance [www.dell.com/environmental\\_information](http://www.dell.com/environmental_information)
- Products MSDS (Material Safety Data Sheets):

Batteries:

[http://www.dell.com/content/topics/topic.aspx/global/shared/about\\_dell/values/regulatory\\_compliance/en/dell\\_battery\\_declaration\\_january2011?c=us&l=en&s=corp&~ck=anavml](http://www.dell.com/content/topics/topic.aspx/global/shared/about_dell/values/regulatory_compliance/en/dell_battery_declaration_january2011?c=us&l=en&s=corp&~ck=anavml)

Printer Toner and Ink:

[http://www.dell.com/downloads/global/corporate/enviro/comply/MSDS\\_doc.pdf](http://www.dell.com/downloads/global/corporate/enviro/comply/MSDS_doc.pdf)

## IX. PACKAGING

Information on Dell’s sustainable packaging effort available [here](#).

Additional materials restricted in Packaging as per Dell’s Restricted Material Guidance document found [here](#).

Packaging Materials (Carton Box, Plastic Bags, Screen Protector, Cushion etc)	Total Weight of each Material type, (kg)	% of Post Consumer Recycled Content (PCR)
Carton box (Corrugated Fibred Board)	0.903	80%
Molded Paper Pulp	0.281	100%
Plastic Bags - LDPE	0.050	0%

For more details on packaging please click [www.dell.com/environmental\\_information](http://www.dell.com/environmental_information)

## X. BATTERIES

Below is a listing of batteries that could be present in the product:

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

For more details on batteries including MSDS please click [www.dell.com/environmental\\_information](http://www.dell.com/environmental_information)

## 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](http://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](mailto:recycling_emea@dell.com) or visit [www.dell.com/recyclingworldwide](http://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](http://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/enviro/restricted\\_materials\\_guid.pdf](http://www.dell.com/downloads/global/corporate/enviro/restricted_materials_guid.pdf)
- **Chemical Use Policy**  
<http://i.dell.com/sites/doccontent/corporate/environment/en/Documents/chemical-use-policy.pdf>
- **Client Energy Calculator**  
<http://www.dell.com/content/topics/topic.aspx/global/products/landing/en/client-energy-calculator?c=us&l=en>
- **Product Carbon Footprint**  
[http://content.dell.com/us/en/corp/d/corp-comm/environment\\_carbon\\_footprint\\_products](http://content.dell.com/us/en/corp/d/corp-comm/environment_carbon_footprint_products)
- **RoHS Compliance**  
[www.dell.com/rohsinfo](http://www.dell.com/rohsinfo)
- **REACH Compliance**  
[www.dell.com/REACH](http://www.dell.com/REACH)
- **Recycling Information**  
[www.dell.com/recycling](http://www.dell.com/recycling)
- **Supplier Responsibility**  
<http://content.dell.com/us/en/corp/d/corp-comm/standards-for-suppliers.aspx>
- Dell is a member of the Electronic Industry Citizenship Coalition ([www.eicc.info](http://www.eicc.info))