



MARKETING NAME\*: Alienware™ Aurora-R2
REGULATORY MODEL: D01M
REGULATORY TYPE: D01M002
EFFECTIVE DATE: January 7, 2011

Dell Inc.
www.dell.com

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I. PRODUCT SAFETY¹

The product has been certified and bears the Mark, as applicable, of the Product Safety authorities as indicated below.

Table with 2 columns: Country/Region, Authority or Mark. Rows include Canada (SCC), European Union (CE), IECEE (IECEE CB), Mexico (NYCE or NOM), Norway (NEMKO), Russia (GOST), Saudi Arabia (KSA ICCP), Singapore (Safety Registration Scheme), South Africa (NRCS), and United States (NRTL).

II. ELECTROMAGNETIC COMPATIBILITY²

The product has been certified and bears the Mark, as applicable, of the EMC authorities as indicated below.

Table with 3 columns: Country/Region, Authority or Mark, Class. Rows include Bosnia & Herzegovina, Montenegro, Serbia (KVALITET, Class B), Canada (ICES, Class B), European Union (CE, Class B), Japan (VCCI, Class B), Norway (NEMKO, Class B), Russia (GOST, Class B), South Africa (SABS, Class B), South Korea (KCC, Class B), and United States (FCC, Class B).

\* Notice: This product has been assigned a unique regulatory model and regulatory type that is imprinted on the product shipping invoice and product labeling to provide traceability to the regulatory approvals noted on this datasheet.

¹ The above-listed Product Safety certifications may vary depending upon the location of the factory and specific product configuration.

² The above-listed EMC certifications may vary depending upon the location of the factory and specific product configuration.



**III. ERGONOMICS, ACOUSTICS AND HYGIENICS<sup>3</sup>**

The product has been certified and bears the Mark, as applicable, of the Ergonomics, Acoustics and Hygienics authorities as indicated below.

Country/Region	Authority or Mark
Russia	GOST

**IV. 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.

**V. DATASHEET RESPONSIBLE PARTY NAME AND ADDRESS**

Dell Inc.  
Department: Global Regulations and Standards  
MS: PS4-30  
Round Rock, Texas 78682, USA  
512-338-4400  
[Regulatory\\_Compliance@Dell.com](mailto:Regulatory_Compliance@Dell.com)

**VI. TRADE (IMPORT/EXPORT) COMPLIANCE DATA**

System US Harmonized Tariff System (USHTS) Number	8471.50.0150
System US Export Control Classification Number (ECCN)	4A994

For additional questions regarding importing & exporting classification of Dell products, please send an e-mail to: [US\\_Export\\_Classification@Dell.com](mailto:US_Export_Classification@Dell.com)

**VII. SYSTEM DIMENSION AND WEIGHT**

Depth, mm	Width, mm	Height, mm	Weight, kg
645	250	426	22.09

<sup>3</sup> The above-listed Ergonomics, Acoustics and Hygienics certifications may vary depending upon the location of the factory and specific product configuration. Certification marks may not be applied on products for countries outside the purchaser's country.



## VIII. DECLARATIONS AND CERTIFICATIONS

\* EPEAT registered where applicable/supported see product links for respective registration status by country: [Desktops](#), [Monitors](#), [Notebooks](#), [Workstation-Desktops](#), and [Workstation-Notebooks](#).

Information on Dell's participation in various Eco-labels and Green Standards can be found [here](#).

Dell is a member of the Electronic Industry Citizenship Coalition (<http://www.eicc.info/>)

Through internal design controls and supply chain declarations, this system has been verified to comply with the EU RoHS Directive. For more details, see [www.dell.com/rohsinfo](http://www.dell.com/rohsinfo).

All Dell products shipping directly into China which are manufactured on or after March 1st, 2007, will be China RoHS compliant. For more details, see [www.dell.com/chinarohs](http://www.dell.com/chinarohs).

All Dell products shipping to South Korea are compliant with South Korea RoHS requirements, declarations [here](#).

Information on Japan RoHS (J-MOSS) chemical disclosures is available [here](#).

REACH (Registration, Evaluation, Authorization and Restriction of Chemicals, EC 1907/2006) is the European Union's (EU) chemical substances regulatory framework. Dell complies with the REACH directive. For more details, see [www.dell.com/REACH](http://www.dell.com/REACH)

Dell's Energy Star qualified products are listed on the EPA website [here](#)

## IX. PERFORMANCE DATA

### System Configuration

The Energy Consumption and Declared Noise Emissions data is based on a configuration including:

Processor	Intel® Core™ i7 860 2.8GHz (8MB Cache) Quad Core Processor
Hard Drive(s)	1.5TB Hard Drives, 7200RPM
Memory	(6) 1GB DDR3 SDRAM
Video	ATI Radeon HD 5670
PSU	875 Watt Multi-GPU



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

Service Level	230V/50Hz		Description of Service Level
	Energy Consumption (Wattage)-	Heat Dissipation (BTU/hr). AUTOMATICALLY CALCULATED	
ACPI S3 LPM: Default WOL:ON	2.6	8.892	The system is in a low-power sleep mode otherwise known as "Standby" or "Suspend to Ram".
Off: LPM: Default WOL:OFF	.59	2.0178	System is turned off. if the Low power Mode feature is available, it is disabled via the BIOS. If not an option the unit is off.

\*Maximum **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. and 115V/60Hz. Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour. Off data is not meant to show compliance to US Executive Order 13221. When applicable, Dell product information related to US Executive Order 13221 may be obtained at: <http://oahu.lbl.gov/index.html>.

### Declared Noise Emissions in accordance with ISO 9296 (tested in accordance with ISO 7779)

Service Level	Sound Power (L <sub>WA</sub> d, bels) (1 bel=10 decibels, re 10 <sup>-12</sup> Watts)	Sound Pressure Operator Position (L <sub>pAm</sub> , decibels) (re 2x10 <sup>-5</sup> Pa)
CD Drive Accessing	5.1	36.1
Hard Drive Accessing	4.5	29.8
Idle	4.5	30.1

<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.



## X. PRODUCT MATERIALS INFORMATION<sup>5</sup>

### Restricted Substances

This Dell product does **NOT** contain any of the following substances (in concentrations exceeding legal threshold limits):

- Asbestos
- Azo dyes/colorants in components that come into direct contact with human skin
- Cadmium and its compounds (except for use in applications exempted by the EU RoHS Directive)
- Class I and Class II CFCs (chlorofluorocarbons) and HCFCs (hydrofluorocarbons)
- Chloroparaffins, short chained (10-13 carbon chain)
- Chromium VI and its compounds (except for use in applications exempted by the EU RoHS Directive)
- Halogenated dioxins or furans (i.e. polychlorinated dibenzodioxines, polychlorinated dibenzofurans)
- Lead and its compounds (except for use in applications exempted by the EU RoHS Directive)
- Mercury (except for use in applications exempted by the EU RoHS Directive)
- Nickel and its compounds in components that are likely to result in prolonged skin exposure
- PCBs (polychlorobiphenyls) or PCTs (polychloroterphenyls)
- PBBs (polybromobiphenyls) or PBDEs (polybrominated diphenylethers)
- PVC (polyvinyl chloride) in plastic parts greater than 25 grams
- Polychlorinated naphthalenes (PCNs)
- Tributyl tin (TBT) and triphenyl tin (TPT) compounds

For information on Japan RoHS (J-MOSS) chemical disclosures: [www.dell.com/japan\\_rohs](http://www.dell.com/japan_rohs).

### Additional Materials Information

- The cables may use PVC as an insulating material to ensure product safety
- The case material is Sheet Metal and ABS
- Product may contain post-industrial recycled content (plastics, metal, glass)

### Flame Retardants Used in Mechanical Plastic Parts > 25 grams and Motherboards

Part	Flame Retardant	ISO 1043-4
Motherboard	TBBPA	FR(16)
Mechanical Plastic Parts > 25 grams:		
ABS	N/A	>ABS<
PC+ABS	FR(40)	>PC+ABS FR(40)<
PC	N/A	>PC<

<sup>5</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.



## XI. PACKAGING

No CFCs (chlorofluorocarbons), HCFCs (hydrofluorocarbons) or other ozone depleting substances are used in packaging material. Chromium, lead, mercury, or cadmium are not intentionally added to packaging materials and are not present in a cumulative concentration greater than 100 ppm as incidental impurities. No halogenated plastics or polymers are used for packaging material. Dell complies with the EU Directive 94/62/EEC.

Packaging Materials	Weight, kg
Paper Corrugate	6.27
HDPE	1.73
LDPE	0.29
PP	0.12

Printed user documentation is bleached in a chlorine-free process. (Europe Only)

## XII. BATTERIES

Batteries in this product are not based on mercury, lead or cadmium technologies. The batteries used in this product are in compliance with EU Directive 91/ 157/ EEC, EU Directive 93/ 86/ EEC, EU Directive 98/ 101/ EEC, and EU Battery Directive 2006/66/EC.

The product documentation includes instructional information on the proper removal and disposal of the batteries used in this product. Below is a listing of batteries present in the product:

Battery Description – Internal Batteries	Battery Type
Non Rechargeable, Panasonic/B-CR2032-P,3V,220mAh,DIP-20	Lithium
Sony AA rechargeable battery	Nickel Metal Hydride

## XIII. DESIGN FOR ENVIRONMENT

### Longevity and Upgrading

Dell systems are, when applicable, designed for easy assembly, disassembly, and servicing. To extend the life of your system, you can install or upgrade certain system components (e.g., microprocessor, memory, expansion cards, and storage devices). Spare parts are available after the end of production for up to five years, or otherwise through the warranty period.

### Recyclability

For recyclability, this system incorporates the following design guidelines:

- EU WEEE mark is applied to products sold in Europe, EU recycling information can be found at [www.euro.dell.com/recycling](http://www.euro.dell.com/recycling)
- Mechanical plastic parts greater than 100 grams consist of one material or of easily separable materials.

## XIV. 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.



## XV. DELL CORPORATE ENVIRONMENTAL INFORMATION

Information on Dell's Environmental initiatives, policies, programs and goals can be found at [www.dell.com/environment](http://www.dell.com/environment).

Product Safety, EMC and Environmental Datasheets for Dell products are located at: [www.dell.com/regulatory\\_compliance\\_datasheets](http://www.dell.com/regulatory_compliance_datasheets)