



MARKETING NAME.....PowerEdge VRTX
REGULATORY MODEL.....E22S
REGULATORY TYPE.....E22S001
EFFECTIVE DATE.....May 14, 2013
EMC EMISSIONS CLASS...A

Dell Inc.
www.dell.com

TABLE OF CONTENTS

I. NFPA 99 CONFORMITY2
II. POWER CORDS AND USER DOCUMENTATION.....2
III. DATASHEET RESPONSIBLE PARTY NAME AND ADDRESS.....2
IV. TRADE (IMPORT/EXPORT) COMPLIANCE DATA.....2
V. MATERIAL SAFETY DATA SHEET (MSDS)2
VI. SYSTEM DIMENSION AND WEIGHT2
VII. PRODUCT MATERIALS INFORMATION3
VIII. PACKAGING.....5
IX. BATTERIES5
X. DESIGN FOR ENVIRONMENT5
XIII. RECYCLING/ END-OF-LIFE SERVICE INFORMATION5

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 non-residential/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.



I. 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.

II. 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.

III. 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

IV. 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 WW_Export_Compliance@dell.com

V. MATERIAL SAFETY DATA SHEET (MSDS)

For any questions related to products MSDS refer to information on www.dell.com/regulatory_compliance.

VI. SYSTEM DIMENSION AND WEIGHT

| Depth, mm/cm | Width, mm/cm | Height, mm/cm | Weight, kg | Optimal Resolution (Display Only) |
|--------------|--------------|---------------|--|-----------------------------------|
| 729.6mm | 482.4mm | 219.2mm | 72.44 Kg (3.5"HDD Rack mold with 2*FH blade/Bullit) | N/A |
| 729.6mm | 482.4mm | 219.2mm | 67.91 Kg (2.5"HDD Rack mold with 2*FH | N/A |



| | | | | |
|----------|----------|---------|---|-----|
| | | | blade/Bullit) | |
| 746.99mm | 309.62mm | 528.6mm | 78.51 Kg (3.5" HDD Tower mold with 2*FH blade/Bullit) | N/A |
| 746.99mm | 309.62mm | 528.6mm | 73.94 Kg (2.5" HDD Tower mold with 2*FH blade/Bullit) | N/A |

VII. PRODUCT MATERIALS INFORMATION¹

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

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

- The case material is, > (PC+ABS) >
- This product contains 0% 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 | TBBPA |

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 |
|--|--|--|---|---|
| PLT PLT 25HDD BLWR PARTITION PC/ABS PLS | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| PLT ACCESS COVER GEAR RAIL PC/ABS PLA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| PLT FH DISH PLATE PC/ABS PLA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| PLT BEZEL CAP TOP PC/ABS PLA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| PLT BLADE ENCLOSURE BOT TRACK PC/ABS PLA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| PLT BLADE ENCLOSURE TOP TRACK PC/ABS PLA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| PLT 35HDD BLWR VENT PARTITION PC/ABS PLA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |

¹ **Waste Handling.** Local regulations should be observed when disposing of this product due to the presence of the materials and substances as listed above.



| | | | | |
|---------------------------------------|------------------|--------|------------------|-----|
| BEZEL FRONT PC/ABS PLA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| CHASSIS BOT SKIN PLASMA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| HLDR BRACE BOTSKIN FEET PC/ABS PLA | >PC+ABS< | | Organo Phosphate | N/A |
| KNOB PWR WIRE MANAGEMENT PC/ABS PLA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| CVR BLWR FRONT DOOR PC ABS PLA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| CVR FH PCIE FIXED PAWL PC/ABS PLA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| CVR TOP SKIN PLASTIC COVER PC/ABS PLA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| HLDR FH PCIE FRONT BEZEL PC/ABS PLA | | | Organo Phosphate | N/A |
| HLDR CASTER FRONT R PC/ABS PLA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| HLDR CASTER FRONT L PC/ABS PLA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| HLDR CASTER REAR L PC/ABS PLA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| HLDR CASTER REAR R PC/ABS PLA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| HLDR FH PCIE BAY PARTITION PC/ABS PLA | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| ASSY,CVR,SKIN,TOP,T WR,VRTX | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| HLDR,SPRT,PLSTC,DIV, BLDE,LWR | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| HLDR SPRT PLSTC DIV BLDE UPR | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| BRKT,SPRT,BS,PLSTC,L PF-PCIE | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |
| CVR,MTG,PLSTC,CON, MPLN,VRTX | >PC+ABS FR-(40)< | FR(40) | Organo Phosphate | N/A |

Mercury Information

| Number of bulbs | Average per bulb |
|-----------------|------------------|
| 0 | 0 mg |



VIII. 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 | Total Weight of each Material type, (kg) |
|-----------------------|--|
| Corrugated Fiberboard | 19.839 |
| EPE | 0.512 |
| LDPE Bags | 0.84 |

Peripheral shipped with the product

| Packaging Materials | Total Weight of each Material type, (kg) | % of Post-Consumer Recycled Content (PCR) |
|-----------------------|--|---|
| Corrugated Fiberboard | 19.839 | 100% |
| EPE | 0.512 | >80% |
| LDPE Bags | 0.84 | 100% |

IX. BATTERIES

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

| Battery Description – Batteries | Battery Type | Battery Weight (kg) |
|---------------------------------|--------------|---------------------|
| BTRY,MINI,3V,190MAH,COIN,LITH | Lithium | 0.003~0.0033 |
| BTRY,PRI,2.6WHR,1C,LIION,PERC | Lithium | 0.06 |

For more details on batteries including MSDS please click www.dell.com/environmental_information

X. DESIGN FOR ENVIRONMENT

Dell systems are, when applicable, designed for easy assembly, disassembly, and servicing.

For more information on product Recyclability please click www.dell.com/environmental_information

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, contact Dell for instructions by emailing recycling_emea@dell.com or visit www.dell.com/recyclingworldwide and select the relevant country.