MARKETING NAME S510n
REGULATORY MODEL S510n
REGULATORY TYPE NA
EFFECTIVE DATE December 16, 2014
EMC EMISSIONS CLASS B

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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
2002/95/EC. 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.

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

System Certification/Declaration

<table>
<thead>
<tr>
<th>Country</th>
<th>Approval</th>
<th>Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>CECP</td>
<td>YES</td>
</tr>
</tbody>
</table>

For more details concerning environmental information, click [www.dell.com/environmental_information](http://www.dell.com/environmental_information)

II. NFPA 99 CONFORMITY

Selected Dell systems have been tested and found to comply with the chassis leakage current requirements as defined by clause 8.4.1.3.5 of National Fire Protection Association standard NFPA 99:2005 leakage current equal to or less than 300uA @ 127 VAC/60 Hz. To determine if this product model offers the higher leakage current send a request for NFPA 99 Conformity verification 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.

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. MATERIAL SAFETY DATA SHEET (MSDS)

For any questions related to MSDS of specific Dell products, please refer to information on [www.dell.com/regulatory_compliance](http://www.dell.com/regulatory_compliance).
VII. SYSTEM DIMENSION AND WEIGHT

Please refer to the product user guide or specification for the details

VIII. PERFORMANCE DATA

Energy Consumption\(^1\)

<table>
<thead>
<tr>
<th>Service Level</th>
<th>Energy Consumption (Wattage)</th>
<th>BTU Calculation</th>
<th>Description of Service Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Maximum</td>
<td>345.00</td>
<td>1179.90</td>
<td>The system is running programs to maximize the power consumption</td>
</tr>
<tr>
<td>Eco mode</td>
<td>285.00</td>
<td>974.70</td>
<td>A reduced power state that the projector enters on the user’s initiative following the manufacturer’s instructions. Eco mode is when the projector consumes less energy than in on mode, the acoustic noise level is reduced and the possible life of lamp is increased</td>
</tr>
<tr>
<td>Standby</td>
<td>0.50</td>
<td>1.71</td>
<td>The reduced power state that the projector is capable of entering automatically after a period of inactivity or by manual selection</td>
</tr>
<tr>
<td>Off</td>
<td>NA</td>
<td>NA</td>
<td>The status in which the energy-using product is connected to a mains power source and is not providing any function except the capability to react to a user’s action on a (soft) switch located on the energy-using product. To put the energy-using product into another mode, this (soft) switch needs to be operated.</td>
</tr>
<tr>
<td>External Power Supply “No-Load” (if applicable)</td>
<td>NA</td>
<td>NA</td>
<td>The system is turned off but is still connected to its AC power source.</td>
</tr>
</tbody>
</table>

\(^1\) 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. Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour. BTU is calculated based upon the wattage reading taken in the given mode. To convert Watts to BTU, (1 Watt = 3.42 BTU)

If applicable, iAMT increases the power consumption even during the off state. The power measurements reported above are valid only if the iAMT Management Engine (ME) is set to “ON” in S0 state only (S0 is simply power-on, non-sleep, working state).

ErP compliance is tied to the CE mark.

For more details click [www.dell.com/environmental_information](http://www.dell.com/environmental_information)

Declared Noise Emissions in accordance with ISO 9296 (tested in accordance with ISO 7779)
### IX. PRODUCT MATERIALS INFORMATION

Information on Dell’s material use is available [here](#). To review Dell’s Restricted Material Guidance document click [here](#).

- The case material is, >PC <
- 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

<table>
<thead>
<tr>
<th>Part</th>
<th>Flame Retardant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motherboard</td>
<td>TBBPA</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Resin Material Name</th>
<th>Marking per ISO 11469:2000, 11469:1996</th>
<th>Flame Retardant Marking per ISO 1043-4 (i.e., FR(16), FR(40), etc.)</th>
<th>Flame Retardant (i.e. TBBPA, triaryl phosphate ester, etc.)</th>
<th>List applicable R-Phrase(s) or Hazard Statement(s) per EU Directive 67/548/EEG or 1272/2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC</td>
<td>PC+ABS CX7720</td>
<td>TD3FR(40)</td>
<td>Halogen-free Organic Phosphates Compounds</td>
<td>None</td>
</tr>
</tbody>
</table>

#### Mercury Information

<table>
<thead>
<tr>
<th>Number of bulbs</th>
<th>Average per bulb</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&gt;25 mg</td>
</tr>
</tbody>
</table>

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](#).

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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.
X. 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](#).

<table>
<thead>
<tr>
<th>Packaging Materials</th>
<th>Total Weight of each Material type, (kg)</th>
<th>% of Post-Consumer Recycled Content (PCR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carton box (Corrugated Fibred Board)</td>
<td>2.954</td>
<td>80%</td>
</tr>
<tr>
<td>Plastic Bags- LDPE</td>
<td>0.624</td>
<td>N/A</td>
</tr>
<tr>
<td>Plastic Airbag-Others</td>
<td>0.033</td>
<td>N/A</td>
</tr>
</tbody>
</table>

For more details on packaging please click [www.dell.com/environmental_information](#).

XI. BATTERIES

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

<table>
<thead>
<tr>
<th>Battery Description – Batteries</th>
<th>Battery Type</th>
<th>Battery Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA or AAA Remote Control Battery</td>
<td>Alkaline</td>
<td>0.016</td>
</tr>
</tbody>
</table>

For more details on batteries including MSDS please click [www.dell.com/environmental_information](#).

XII. 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.

XIV. HELPFUL LINKS

- Environmental Policy
- Environment Website
  [www.dell.com/earth](http://www.dell.com/earth)
- Corporate Sustainability Report
- ISO 14001 Certification
- Materials Restricted for Use

- **Chemical Use Policy**

- **Client Energy Calculator**

- **Product Carbon Footprint**

- **RoHS Compliance**
  www.dell.com/rohsinfo

- **REACH Compliance**
  www.dell.com/REACH

- **Recycling Information**
  www.dell.com/recycling

- **Supplier Responsibility**