



MARKETING NAME.....Dell Projector P519HL  
REGULATORY MODEL..... P519HL  
REGULATORY TYPE..... NA  
EFFECTIVE DATE..... October 16, 2018  
EMC EMISSIONS CLASS... B

Dell Inc.  
www.dell.com

## TABLE OF CONTENTS

I.	GLOBAL ENVIRONMENTAL INFORMATION .....	2
II.	NFPA 99 CONFORMITY .....	2
III.	POWER CORDS AND USER DOCUMENTATION .....	2
IV.	DATASHEET RESPONSIBLE PARTY NAME AND ADDRESS.....	2
V.	TRADE (IMPORT/EXPORT) COMPLIANCE DATA.....	2
VI.	SYSTEM DIMENSION AND WEIGHT .....	2
VII.	PERFORMANCE DATA .....	3
VIII.	PRODUCT MATERIALS INFORMATION.....	4
IX.	PACKAGING .....	5
X.	BATTERIES .....	5
XI.	DESIGN FOR ENVIRONMENT.....	5
XII.	RECYCLING/ END-OF-LIFE SERVICE INFORMATION .....	5
XIII.	HELPFUL LINKS .....	5
XIV.	APPENDIX B: ErP Lot 26 Network Standby (Energy Consumption) Information.....	6

## 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](http://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](mailto: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 (Voluntary Marks)		
Country	Approval	Compliance
Global	ENERGY STAR	N/A
Varies by country – see EPEAT.net	EPEAT	N/A
China	CECP	N/A
Germany	Blue Angel UZ171 Imaging Equipment	N/A
Europe	ErP Lot 4	N/A
Europe	ErP Lot 6 / 26	Yes, Erp Lot 6 / 26

### 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/user guide/use manual at [www.dell.com](http://www.dell.com).



### VII. PERFORMANCE DATA

#### Projectors:

Service Level	Energy Consumption (Wattage)	BTU Calculation	Description of Service Level
<b>*Maximum</b>	<b>334.00</b>	<b>1142.28</b>	The system is running programs to maximize the power consumption
<b>On Mode</b>	<b>331.30</b>	<b>1133.05</b>	On Mode with lamp in normal operation A state when the projector is producing an image
<b>Eco mode</b>	<b>228.40</b>	<b>781.13</b>	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
<b>Off</b>	<b>0.21</b>	<b>0.72</b>	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.
<b>Standby</b>			The reduced power state that the projector is capable of entering automatically after a period of inactivity or by manual selection
<b>External Power Supply "No-Load" (If applicable)</b>			The system is turned off but is still connected to its AC power source

\* **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\*

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)



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

### Projectors:

Service Level	Sound Power ( $L_{WAd}$ , bels) (1 bel=10 decibels, re $10^{-12}$ Watts)	Sound Pressure Bystander Position ( $L_{pAm}$ , decibels) (re $2 \times 10^{-5}$ Pa)
Operating	N/A	$\leq 36$ dBA (typical)
Eco Mode	N/A	$\leq 32$ dBA (typical)

## VIII. PRODUCT MATERIALS INFORMATION<sup>1</sup>

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)

Product is BFR/PVC Free ☒ Yes ☐ No

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 1146 9:2000, 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
PC LN-2520A	>PC<	None	Non-phosphorus	None
PC MN-3600H	>PC MN-3600H<	>PC FR(40)<	Non-phosphorus	None
PC 905	>PC<	None	Non-phosphorus	None

### Mercury Information

Number of bulbs	Average per bulb
N/A	0 mg

### 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: [Battery MSDS Documentation and Declaration](#)

<sup>1</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.



### 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	Total Weight of each Material type, (kg)	% of Post-Consumer Recycled Content (PCR)
Corrugated Fiberboard	1.28	80%
EPE	0.24	0%
LDPE Bags	0.017	

### 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	0.003
AA or AAA Remote Control Battery	Alkaline	N/A

### 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>

#### XIV. APPENDIX B: ErP Lot 26 Network Standby (Energy Consumption) Information

The ErP Lot 26 Standard 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.

Network Standby Classification	LoNA
Off/Standby - Watts	0.21
Network Standby - Watts	0.62
Number of Network Ports	1
Location of 'Physical' Network Ports	Back
Network Port Type	Lan(RJ45)
Network Port(s) Activated or Deactivated	Network Port(s) "Deactivated"
Network Port Maximum Performance in GB/s	100 Mbps
Communication protocol used by equipment	Ethernet - TCPIP
Description of how to assert Network Standby Mode	Information available @ <a href="http://www.dell.com/regulatory_compliance">www.dell.com/regulatory_compliance</a> and/or <a href="http://www.dell.com/support">www.dell.com/support</a>
Sequence of events to trigger automatic assertion of Network Standby Mode	
Notes regarding operation of the equipment EX: how the user switches the equipment into network standby	
Default time for PM function to switch equipment into this mode	
Inactivity time required to enter Network Standby	
Re-activation trigger	
Measurement Method	