

# **Product Compliance Datasheet**

MARKETING NAME..... Latitude 5310 2-in-1

REGULATORY MODEL...... P96G

REGULATORY TYPE...... P96G003

EMC EMISSIONS CLASS......: B

**EFFECTIVE DATE.....:** March 20, 2020

## Table of contents

I.	Statement of Compliance	
II.	Global Environmental Information	3
III.	NFPA 99 Conformity	3
IV.	Declaration of Similarity	3
V.	Power Cords and User Documentation	
VI.	Trade (Import/Export) Compliance Data	2
VII.	Product Dimensions and Weight	2
VIII.	Performance Data	2
IX.	Product Materials Information	5
X.	Packaging	7
XI.	Batteries	7
XII.	Design for Environment	7
XIII.	Recycling / End-of-Life Service Information	7
XIV.	Helpful Links	8
Appen	ndix A: ErP Lot 3 Product Energy Consumption Information	9
Appen	ndix B: ErP Lot 26 Network Standby Energy Consumption Information	12
Appen	ndix C: ErP Lot 9 for Servers and Data Storage Products: Information for end-users	13
Revisi	ons	1/



## 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. 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. 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. 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	Compliance				
Global	ENERGY STAR (Configuration Dependent)	Computers , Version 8.0			
Global	TCO Certified	8.0			
China	CECP	Yes			
China	CEC	Yes			
Japan	Green PC Label	Yes			
Taiwan	Greenmark	Yes			
Varies by Country	EPEAT (Configuration Dependent)	Refer to EPEAT.net for			
See EPEAT.net		specific registration levels and			
		countries			

Adapter Certification and Declarations			
Country Authority/Mark			
Australia/New Zealand	Australia/NZ MEPS		
Canada	NRCan		
US – California Energy Commission	Adapter & Battery Charger		
European Union	Regulation EC No 278/2009		
South Korea	South Korea MEPS		

## 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. 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	Notebook		
Regulatory Model Number	P96G		
Regulatory Type Number	P96G002		
Trade Name/ Trade Mark	DELL		
Marketing Name(s)	Latitude 5310 2-in-1		

Dell Inc. herby 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	April 28, 2020		Dell Inc.
Title	: Dell Global Product	Signature on behalf of Dell Inc.	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: <a href="http://www.dell.com/learn/us/en/uscorp1/import-export">http://www.dell.com/learn/us/en/uscorp1/import-export</a> or send email request to <a href="https://www.dell.com/learn/us/en/uscorp1/import-export">www.dell.com/learn/us/en/uscorp1/import-export</a> or send email request to <a href="https://www.dell.com/uscorp1/import-export">www.dell.com/learn/uscorp1/import-export</a> or send email request in the email request.

# VII. Product Dimensions and Weight

Depth, mm/cm	Width, mm/cm	Height, mm/cm	Weight, kg
207.5mm	305.7mm	20.1mm	1.351~1.5Kg (depending upon installed options)

For Display products please refer to the user manual for weight and dimension information.

## VIII. Performance Data

ErP Lot 3, Lot 26 and ErP Lot 9 information is in Appendices A, B and C 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: <u>ENERGY STAR Product Finder</u>

The battery[ies] in this product cannot be easily replaced by users themselves.

Energy Consumption<sup>1</sup>

Energy efficiency benefits the environment and lowers the total cost of equipment ownership by reducing power consumption. Click <u>here</u> for Dell's Energy efficient products.

\*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.

## IX. Product Materials Information

Information on Dell's material use is available <a href="here">here</a>.

Dell's Restricted Material for Use guidance document is available at <a href="https://www.dell.com/restrictedsubstanceslist">www.dell.com/restrictedsubstanceslist</a>.

- The case material is >PC-CF20FR(40)(REC30)
   >PC+ABS-TD25FR(40)(REC35
- >PC-CF20FR(40)
- This product contains 14% 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	⊠ Yes □ No □ NA
Marking of plastics parts greater than 25 grams is in accordance with ISO 11469 (see below)	⊠ Yes □ No □ NA
Printed circuit boards (without components) >25g are BFR PVC free <sup>3</sup>	✓ Yes □ No □ NA
Insulation materials of external electrical cables are PVC free	☐ Yes ☒ No ☐ NA
Insulation materials of internal electrical cables are PVC free	Yes □ No □ NA

<sup>&</sup>lt;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 <a href="https://www.dell.com/learn/us/en/uscorp1/dell-environment">https://www.dell.com/learn/us/en/uscorp1/dell-environment</a>

<sup>&</sup>lt;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 CI 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)



<sup>&</sup>lt;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)

Product is BFR/PVC Free (Accessories & Options may r	oot be ⊠ Yes □ No
BFR/PVC-Free, refer to spec ENV0199)	△ res ■ No

#### Flame Retardants Used in Motherboard

Part	Flame Retardant
Motherboard	DOPO

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
SABIC DC0041PR	>PC- CF20FR(40)(REC30)<	FR(40)	halogen free organic phosphorus compounds	NA
COVESTRO FR3025 R35	>PC+ABS- TD25FR(40)(REC35<	FR(40)	halogen free organic phosphorus compounds	NA
SABIC D551RC	>PC-CF20FR(40)<	FR(40)	halogen free organic phosphorus compounds	NA

#### **Mercury Information**

Number of bulbs	Average per bulb
If none, enter 0	0 mg

#### Additional information:

- Refer to Dell Technologies' <u>Chemical Use Policy</u> for more information on RoHS and REACH.
- Products MSDS (Material Safety Data Sheets):
  - o Batteries: <u>Battery MSDS Documentation and Declaration</u>
  - o Printer Toner and Ink: MSDS Documentation



# X. Packaging

Information on Dell's sustainable packaging effort available <a href="here">here</a>. Additional materials restricted in Packaging as per Dell's Material Restricted for Use Standard document can be found at <a href="https://www.dell.com/restrictedsubstanceslist">www.dell.com/restrictedsubstanceslist</a>.

Placeholder

Peripherals products

Packaging Materials	Total Weight, (g)	Sustainable Material Content[1] (e.g Recycled content *,bio-based, Sustainable Forested	% Sustainable Material		
i acraging materials		materials)	APJ	DAO	EMEA
			region	region	region
Corrugated Fiberboard	518	Recycled Content	Min 35%	Min 35%	Min 35%
HDPE (including thermoformed) *	196	Recycled Content	0-80%	0-80%	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	Max: 0.0036	
Rechargeable Battery 3 cell	Lithium Ion	Max: 0.192	42Wh
Rechargeable Battery 4 cell	Lithium Ion	Max: 0.27	60Wh

## 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 <a href="https://www.dell.com/learn/is/en/iscorp1/dell-environment-greener-products">https://www.dell.com/learn/is/en/iscorp1/dell-environment-greener-products</a>

# 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 <a href="www.dell.com/recyclingworldwide">www.dell.com/recyclingworldwide</a> and select the relevant country.



## XIV. Helpful Links

• Environmental Policy

https://i.dell.com/sites/csdocuments/Corporate\_corp-Comm\_Documents/en/dell-global-environmental-policy.pdf

• Environment Website

https://www.dell.com/learn/ai/en/aicorp1/dell-environment

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

www.dell.com/restrictedsubstanceslist

Chemical Use Policy

http://i.dell.com/sites/doccontent/corporate/environment/en/Documents/chemical-use-policy.pdf

Product Carbon Footprint

https://www.dell.com/learn/us/en/uscorp1/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

Recycling Information

http://www.dell.com/recycling

• Supplier Responsibility

https://www.dell.com/learn/gy/en/gycorp1/cr-social-responsibility



# 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, 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.

Disercio I - Turner Cura rador	0100
Category	Category A
Processor Speed in GHz	1.8
Number of Cores	4
Total Installed System Memory in GB	32
Graphics	Integrated
WOL enabled in "Sleep" Mode	No
WOL enabled in "Off" Mode	No
As Tested: Lowest Power State	0.37
As Tested: Poff(W) WOL Disabled	0.37
As Tested: Poff(W) WOL Enabled	
As Tested: Psleep(W) WOL Disabled	1.00
As Tested: Psleep(W) WOL Enabled	
As Tested: Pidle(W)	5.59
Base TEC Limit (kWh)	27
TEC Adders Limit (kWh)	11.20
Base + Adders TEC Limit (kWh)	38.20
Results TEC	17.51

Additional information on ErP Lot 3, Lot 7 & Lot 26 available here.

#### Placeholder

Power Supply Model #	Internal or External	Link to efficiency report
DA65NM130	External	http://oee.nrcan.gc.ca/pml- lmp/index.cfm?action=app.formHandler&operation=details- details&ref=32565919&appliance=EPS&nr=1
DA65NM170	External	http://oee.nrcan.gc.ca/pml- lmp/index.cfm?action=app.formHandler&operation=details- details&ref=32566016&appliance=EPS&nr=1
DA65NM190	External	http://oee.nrcan.gc.ca/pml- lmp/index.cfm?action=app.formHandler&operation=details- details&ref=24854598&appliance=EPS&nr=1
DA65NM192	External	http://oee.nrcan.gc.ca/pml- lmp/index.cfm?action=app.formHandler&operation=details- details&ref=34247979&appliance=EPS&nr=1



		http://oee.nrcan.gc.ca/pml-	
HA65NM130	External	<pre>lmp/index.cfm?action=app.formHandler&amp;operation=details-</pre>	
		details&ref=6448362&appliance=EPS&nr=1	
		http://oee.nrcan.gc.ca/pml-	
HA65NM170	External	lmp/index.cfm?action=app.formHandler&operation=details-	
		details&ref=17695806&appliance=EPS&nr=1	
		http://oee.nrcan.gc.ca/pml-	
HA65NM190	External	lmp/index.cfm?action=app.formHandler&operation=details-	
		details&ref=26886270&appliance=EPS&nr=1	
		http://oee.nrcan.gc.ca/pml-	
HA65NM191	External	lmp/index.cfm?action=app.formHandler&operation=details-	
		details&ref=34125595&appliance=EPS&nr=1	
		http://oee.nrcan.gc.ca/pml-	
HA65NS5-00	External	lmp/index.cfm?action=app.formHandler&operation=details-	
		details&ref=5470487&appliance=EPS&nr=1	
		http://oee.nrcan.gc.ca/pml-	
HKA65NM190	External	lmp/index.cfm?action=app.formHandler&operation=details-	
		details&ref=33838954&appliance=EPS&nr=1	
		http://oee.nrcan.gc.ca/pml-	
LA65NM130	External	lmp/index.cfm?action=app.formHandler&operation=details-	
		details&ref=21429007&appliance=EPS&nr=1	
		http://oee.nrcan.gc.ca/pml-	
LA65NM170	External	lmp/index.cfm?action=app.formHandler&operation=details-	
		details&ref=19376819&appliance=EPS&nr=1	
		http://oee.nrcan.gc.ca/pml-	
LA65NM190	External	Imp/index.cfm?action=app.formHandler&operation=details-	
		details&ref=25946862&appliance=EPS&nr=1	
		http://oee.nrcan.gc.ca/pml-	
LA65NM191	External	lmp/index.cfm?action=app.formHandler&operation=details-	
		details&ref=34249362&appliance=EPS&nr=1	
		http://oee.nrcan.gc.ca/pml-	
LA65NS2-01	External	lmp/index.cfm?action=app.formHandler&operation=details-	
		details&ref=5485275&appliance=EPS&nr=1	
		http://oee.nrcan.gc.ca/pml-	
HA90PM180	External	Imp/index.cfm?action=app.formHandler&operation=details-	
		details&ref=21721287&appliance=EPS&nr=1	
DA90PM170		http://oee.nrcan.gc.ca/pml-	
	External	Imp/index.cfm?action=app.formHandler&operation=details-	
		details&ref=17687947&appliance=EPS&nr=1	
DA90PM130		http://oee.nrcan.gc.ca/pml-	
	External	lmp/index.cfm?action=app.formHandler&operation=details-	
	2	details&ref=32565918&appliance=EPS&nr=1	
LA90PM170		http://oee.nrcan.gc.ca/pml-	
2.301 W1170	External	Imp/index.cfm?action=app.formHandler&operation=details-	
	External	details&ref=19453725&appliance=EPS&nr=1	
		detailscret-17435123&appirance-Ef 5&III-1	

 $<sup>^{\</sup>star}$  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. Click <a href="here">here</a> for Dell's Energy efficient products

**Computers Category A:** 

compatore catego			
Service Level	Sound Power	Statistical adder	Sound Pressure
	Declared mean A-		Declared mean A-
	weighted level	for verification	weighted emission level
	L <sub>WA,m</sub> (B)	K <sub>V</sub> (B)	L <sub>pA,m</sub> (dB)
<b>HDD Accessing</b>	2.3	0.4	23.2
ODD Accessing	NA	NA	NA
Idle	2.2	0.4	22.1

<sup>&</sup>lt;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.



# 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.

· .		
Network Standby Classification	LoNA	
Off/Standby - Watts	0.373	
Network Standby - Watts	0.873	
Number of Network Ports	1	
Location of 'Physical' Network Ports	Wireless	
Network Port Type	Wireless	
Network Port(s) Activated or Deactivated	Network Port(s) "Activated"	
Network Port Maximum Performance in GB/s	1	
Communication protocol used by equipment	Ethernet - TCPIP	
Description of how to assert Network Standby Mode		
Sequence of events to trigger automatic assertion of Network		
Standby Mode	16 311.0	
Notes regarding operation of the equipment EX: how the user	Information available @	
switches the equipment into network standby	www.dell.com/regulatory_compliance	
Default time for PM function to switch equipment into this mode	and/or www.dell.com/support	
Inactivity time required to enter Network Standby		
Re-activation trigger		
Measurement Method		

