



Product Compliance Datasheet

REGULATORY MODEL.....: E111S

REGULATORY TYPE.....: E111S001

EMC EMISSIONS CLASS.....: A

EFFECTIVE DATE¹.....: July 17, 2024

REVISED DATE².....: March 5, 2026

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¹ Effective Date refer to product that is available to market (RTS/Launch)

² Revision Date refer to the Datasheet has been updated to capture the latest information

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 <https://support.dellproductcompliance.com>. 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	Approval	Compliance
Global	ENERGY STAR (Configuration Dependent)	4.0
China	CECP	Yes
China	CEC	Yes
Varies by Country	EPEAT (Configuration Dependent)	Refer to EPEAT.net for

See EPEAT.net		specific registration levels and countries
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* ENERGY STAR 4.0 Compliance is applicable to PowerEdge Servers only.

III. Declaration of Similarity

Object of the Declaration	
Product Type	Server
Regulatory Model Number	E111S
Regulatory Type Number	E111S001
Trade Name/ Trademark	DELL
Marketing Name(s)	PowerEdge R770 XC Core XC770 VxRail VP-770 AX-770 R770 vSAN Ready Node

Dell Inc. hereby 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 / Trademark 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 7, 2025	Signature on behalf of Dell Inc.	Dell Inc. Dell Global Product Compliance and Environmental Affairs
Title	Dell Global Product Compliance and Environmental Affairs		

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. Trade (Import/Export) Compliance Data

For any questions related to importing & exporting classification of Dell products, please obtain information from the following link: <http://www.dell.com/learn/us/en/uscorp1/import-export> or send email request to WW_Export_Compliance@dell.com. Please include product identifiers such as marketing name, regulatory model, regulatory type, and country that compliance information is needed in the email request.

VI. Product Dimensions and Weight

Depth, mm/cm	Width, mm/cm	Height, mm/cm	Weight, kg
771.62mm	482mm	86.8mm	33Kg (depending upon installed options)

VII. Product Energy Performance Data

ErP Lot 9 information is in Appendices A 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: [ENERGY STAR Product Finder](#)

VIII. Product Materials Information

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

Dell's Restricted Material for Use guidance document is available [here](#).

Mechanical plastic parts are BFR/PVC free	☒ Yes ☐ No ☐ NA
Marking of plastics parts is in accordance with ISO 11469 (see below)	☒ Yes ☐ No ☐ NA
Printed circuit boards (without components) >0.5g are BFR PVC free	☐ Yes ☒ No ☐ NA
Insulation materials of external electrical cables are PVC free	☐ Yes ☒ No
Product is BFR/PVC Free (Accessories & Options may not be BFR/PVC-Free)	☐ Yes ☒ No
Postconsumer recycled Plastics material content ² is used in the product If yes, indicate the percentage of the postconsumer recycled material per total plastic weight of the product	☒ Yes ☐ No ☐ NA _44.5_ % PCR (Post Consumer Recycled) material in total plastic of product
Biobased Plastic material ³ content is used in the product.	☐ Yes ☒ No ☐ NA _0_ % biobased plastic material in total plastic of product

² This product contains 44.5% post-consumer recycled plastic including closed loop recycled plastics (ITE-derived)* % Declaration to be the same in ENV0025 for Display & CP

³ Bio-based plastics are fully or partially made from biological resources, rather than fossil raw materials. They are not necessarily compostable or biodegradable. It is important to examine the full life cycle of bio-based plastics, to ensure that they are beneficial to the environment beyond the reduction in use of fossil resources. This includes littering and changes in land use

If yes, either indicate the percentage of the biobased plastic material per total plastic weight of the product	
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Flame Retardants Used in Motherboard

Part	List the Flame Retardants
PCB ⁴	DOPO, Aromatic polyphosphate, Organic phosphorus-based reactive flame retardant, Reactive phosphorus flame retardant, Organic phosphorus reactive FRS

Flame Retardants Used in Mechanical Plastic Parts⁵

The external case material is > ____ SGCC ____ <

Resin Material Name	Plastic Part Marking per ISO 11469:2016	Flame Retardant Marking per ISO 1043-4 (i.e. FR(16), FR(40), etc.)	List the Flame Retardants used on (i.e. BPA, etc)	List applicable R-Phrase(s) or Hazard Statement(s) per EU Directive 67/548/EEG or 1272/2008
Bayblend FR3008R65	>PC+ABS-FR(40) <	FR(13)	Phosphorus Type	No GHS Classification per EU Directive 1272/2008
BAYBLEND FR3010-500197	>PC+ABS-FR(40) <	FR(10)	Phosphorus Type	No GHS Classification per EU Directive 1272/2008
KINGFA PA66-NPG30 BK001	>PA66-GF30 FR(40)<	FR(40)	organo phosphate	NA
KINGFA PA66-ROW BK002	>PA66-FR(30)<	FR(30)	melamine cyanurate	NA
KINGFA-JH960-6900	>PC+ABS-FR(40)<	FR(40)	Phosphate	NA
BAYBLEND FR3010 R75-704817	>PC+ABS-FR(40) <	FR(13)	Phosphorus Type	No GHS Classification per EU

⁴ PCB (Printed Circuit Board) is a blank circuit board with no electronic components attached

⁵ According to ISO 11469 Marking of plastics products weighing 25 grams or more must be marked. Plastic Parts weighing less than 25 grams and having adequate surface area for coding should be marked.

				Directive 1272/2008
BAYBLEND FR3010-901510	>PC+ABS-FR(40) <	FR(10)	Phosphorus Type	No GHS Classification per EU Directive 1272/2008
SABIC, CYCOLOY C6200-BL6025	PC+ABS	NA	Non-chlorinated, non-brominated flame retardant	NA

Mercury Information

Number of bulbs	Average per bulb
0	< mg

Additional information:

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

IX. Packaging

Information on Dell's sustainable packaging effort available [here](#). Additional materials restricted in Packaging as per Dell's Material Restricted for Use Standard document can be found at www.dell.com/restrictedsubstanceslist.

Packaging Materials	Total Weight, (g)	Sustainable Material Content[1] (e.g Recycled content *, bio-based, Sustainable Forested materials)	% Sustainable Material		
			APJ region	DAO region	EMEA region
Corrugated Fiberboard	0	Recycled Content	Min 35%	Min 35%	Min 35%
LDPE (Including EPE Foam)	0	Recycled Content	0-80%	0-80%	0%
Molded paper pulp	0	Recycled content	100%	100%	100%
HDPE (including thermoformed) *	0	Recycled Content	0-80%	0-80%	0%
Molded Bamboo	0	Non-wood, biobased material	100%	100%	100%
Wheat Straw	0	Non-wood, biobased material	100%	100%	100%
Mushroom	0	Non-wood, biobased material	100%	100%	100%
LDPE Bags	0	NA	0%	0%	0%
EPS	0	NA	0%	0%	0%
PET	0				
Polypropylene	0				
Other, please specify	0				

X. 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 (Panasonic)	Lithium Metal	0.0028	3V

CR-2032 coin cell (Murata)	Lithium Metal	0.0031	3V
CR-2032 coin cell (MAXELL)	Lithium Metal	0.00298	3V
PERC with Battery Pack (optional), H965 D0VXG	Lithium ion	0.02	2.66

XI. Design for Environment

Dell systems are, when applicable, designed for easy assembly, disassembly, and servicing. For more information on Dell's Environmental product attributes click [here](#).

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, please visit [How to Recycle | Dell Technologies US](#) and select the relevant country.

XIII. Helpful Links

- **Environmental Policy**
https://i.dell.com/sites/csdocuments/Corporate_corp-Comm_Documents/en/dell-global-environmental-policy.pdf
- **Social Impact - Progress Made Real**
<https://corporate.delltechnologies.com/en-id/social-impact.htm>
- **Advancing Sustainability**
<https://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability.htm>
- **ISO 14001 Certification**
[ISO Certification Certificate Environmental 14001 \(delltechnologies.com\)](https://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability/sustainable-products-and-services/product-carbon-footprints.htm)
- **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://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability/sustainable-products-and-services/product-carbon-footprints.htm>
- **RoHS Compliance**
<https://dellproductcompliance.atlassian.net/servicedesk/customer/portal/6/topic/4ef197b3-28bb-4ff8-96ce-0fcb642ecf8f/article/10289411>
- **REACH Compliance**
www.dell.com/REACH
- **Recycling Information**
<http://www.dell.com/recycling>
- **Supplier Responsibility – Champion the Many People**
<https://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability/champion-the-many-people.htm>

Appendix A ErP Lot 9 Servers and Data Storage Products: Information for end-users

The EU Commission Regulation (EU) 2019/424 (ErP Lot 9) ANNEX II Section 3.0 defines the information requirements to be provided by Manufacturers. This information is documented below or via a link is provided to a free access website where the information is maintained. A reference column is included to align the information with the format in the annex of the regulation. Where the information has already been recorded in the body of the Product Compliance Datasheet a note is made to avoid duplication.

For any follow up a request should be sent to: <http://support.dellproductcompliance.com>

Annex II Sect 3.0	Reporting Requirement	Link to Firmware / Security Updates
	Latest available version of firmware updates is available on the Product Page for the Marketing Model of the Server Solution	https://www.dell.com/support
	Latest available version of firmware updates is available on the Product Page for the Marketing Model of the Server Solution	https://www.dell.com/support/security/

High End Configuration:

Annex II Sect 3.1	Reporting Requirement	Information Requirements / link to free access website
a.	product type	reference product compliance datasheet r
b.	manufacturer's name, registered trade name and registered trade address at which they can be contacted;	reference product compliance datasheet
c.	product model number, and if applicable the low-end performance configuration and the high-end performance configuration model numbers;	reference product compliance datasheet
d.	year of manufacture;	July, 17, 2024
e.	PSU efficiency at 10 % (if applicable), 20 %, 50 % and 100 % of rated output power,	reference ErP Lot 9 power supply table
f.	power factor at 50 % of the rated load level, with the exception of direct current servers, rounded to three decimal places	reference ErP Lot 9 power supply table
g.	PSU rated power output (Watts), rounded to the nearest integer	reference ErP Lot 9 power supply table
h.	idle state power, expressed in Watts (rounded to the first decimal place)	309.8
i.	product model number, and if applicable the low-end performance configuration and the high-end performance configuration model numbers;	E111S, Two 1500 W PSU, Two E.3" SSD, 2048 GB memory, one four-port 25G OCP card
j.	maximum power, expressed in Watts (rounded to the first decimal place);	1083.4
k.	declared operating condition class,	Operating condition class A2 [reference user manual in documentation tab on https://www.dell.com/support]
l.	idle state power (Watts) at the higher boundary temperature of the declared operating condition class,	351.7
m.	the active state efficiency and the performance in active state of the server;	Efficiency=97.9 ; Performance =717.4
n.	secure data deletion	https://www.dell.com/support/manuals/idrac
o.	list recommended combinations with compatible chassis	Applies to blade servers only
p.	if a product model is part of a server product family, a list of all model configurations that are represented by the model shall be supplied.	All available configurations can be selected on https://www.dell.com for a particular product model

Low End Configuration:

Annex II Sect 3.1	Reporting Requirement	Information Requirement / link to free access website
e.	PSU efficiency at 10 % (if applicable), 20 %, 50 % and 100 % of rated output power,	reference ErP Lot 9 server power supply table
f.	power factor at 50 % of the rated load level, with the exception of direct current servers, rounded to three decimal places	reference ErP Lot 9 server power supply table
g.	PSU rated power output (Watts), rounded to the nearest integer	reference ErP Lot 9 server power supply table
h.	idle state power, expressed in Watts (rounded to the first decimal place)	259.6
i.	list of all components for additional idle power allowances, if any (additional PSU, HDDs or SSDs, additional memory, additional buffered DDR channels, additional I/O devices);	E111S, Two 1500 W PSU, Two E.3" SSD, 512 GB memory
j.	maximum power, expressed in Watts (rounded to the first decimal place);	637.7
k.	declared operating condition class,	Operating condition class A2 [reference user manual in documentation tab on https://www.dell.com/support]
l.	idle state power (Watts) at the higher boundary temperature of the declared operating condition class,	284.4
m.	the active state efficiency and the performance in active state of the server;	Efficiency=82.7 ; Performance =495.2

ErP Lot 9 Server Power Supply Table (applicable for high end and low-end configurations)	
Power Supply Model Number	Link to manufacturer's efficiency report (List of 80 PLUS Certified Power Supplies)
D1500E-S0	https://www.plugloadsolutions.com/80PlusPowerSuppliesDetail.aspx?id=26&type=1
L1500E-S0	

Annex II Sect 3.3	Reporting Requirement	Information Requirement / link to free access website
h.	indicative weight range of the following CRMs: (a) Cobalt in the batteries. (b) Neodymium in the HDDs	Contact: http://support.dellproductcompliance.com
i.	instructions on the disassembly operations;	reference user manual in documentation tab on https://www.dell.com/support