



# Product Compliance Datasheet

**MARKETING NAME.....: Precision 7670 / Precision 7670-01**

**REGULATORY MODEL.....: P114F**

**REGULATORY TYPE.....: P114F001**

**EMC EMISSIONS CLASS.....: B**

**EFFECTIVE DATE.....: June 7, 2022**

## Table of contents

|       |                                                                             |    |
|-------|-----------------------------------------------------------------------------|----|
| I.    | Statement of Compliance .....                                               | 2  |
| II.   | Global Environmental Information .....                                      | 3  |
| III.  | Declaration of Similarity .....                                             | 3  |
| IV.   | Power Cords and User Documentation .....                                    | 4  |
| V.    | Trade (Import/Export) Compliance Data .....                                 | 4  |
| VI.   | Product Dimensions and Weight .....                                         | 4  |
| VII.  | Performance Data .....                                                      | 4  |
| VIII. | Product Materials Information .....                                         | 5  |
| IX.   | Packaging .....                                                             | 7  |
| X.    | Batteries .....                                                             | 8  |
| XI.   | Design for Environment .....                                                | 8  |
| XII.  | France Reparability Index .....                                             | 8  |
| XIII. | Recycling / End-of-Life Service Information .....                           | 8  |
| XIV.  | Helpful Links .....                                                         | 9  |
|       | Appendix A: ErP Lot 3 Product Energy Consumption Information .....          | 10 |
|       | Appendix B: ErP Lot 26 Network Standby Energy Consumption Information ..... | 13 |
|       | Appendix C: France Reparability Index .....                                 | 14 |



# 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 manufactures 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](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](http://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](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                                                           | Approval                              | Compliance                                                        |
| Global                                                            | ENERGY STAR (Configuration Dependent) | 8.0                                                               |
| Japan                                                             | Green PC Label                        | Yes                                                               |
| Global                                                            | TCO Certified                         | Generation 9, for Notebooks                                       |
| China                                                             | CECP                                  | Yes                                                               |
| China                                                             | CEC                                   | Yes                                                               |
| Taiwan                                                            | Greenmark                             | Yes                                                               |
| Varies by Country<br>See <a href="http://EPEAT.net">EPEAT.net</a> | EPEAT (Configuration Dependent)       | Refer to EPEAT.net for specific registration levels and countries |

## III. Declaration of Similarity

| Object of the Declaration |                                     |
|---------------------------|-------------------------------------|
| Product Type              | Portable Computer                   |
| Regulatory Model Number   | P114F                               |
| Regulatory Type Number    | P114F001                            |
| Trade Name/ Trademark     | DELL                                |
| Marketing Name(s)         | Precision 7670<br>Precision 7670-01 |

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 / Trademark and/or Marketing Name(s) are the property of Dell Inc. Any differences in the product designation are for marketing purposes only.

Dell Inc. herby declares that the platforms or appliances designated by the Regulatory Model 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 platforms or appliances may have very minor differences which do not impact the level of conformity. All platforms or appliances identified by the Regulatory Model 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



Dell Inc. hereby declares that the platforms or appliances identified by the Regulatory Model 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 Trademark as specified in this declaration.

The platforms or appliances may have very minor differences which do not impact the level of conformity. All platforms or appliances identified by the Regulatory Model 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 | June 7, 2022                                             | Signature on behalf of Dell Inc. | Dell Inc.<br>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](mailto: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                |
|--------------|--------------|---------------|-------------|---------------------------|
| 258.34       | 356.00       | front         | rear        | Thin: 2.60<br>Thick: 2.67 |
|              |              | Thin:22.30    | Thin:23.20  |                           |
|              |              | Thick:25.05   | Thick:25.95 |                           |

## VII. 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: [ENERGY STAR Product Finder](#)

**Computer:**

| Service Level                       | Energy Consumption (Wattage) | BTU Calculation | Description of Service Level                                                                                             |
|-------------------------------------|------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>CPU stressed</b>                 | 136.60                       | 467.17          | The system is running programs to maximize the CPU utilization and/or running programs to maximize the power consumption |
| <b>Short Idle</b>                   | 11.87                        | 40.60           | As specified per EPA ENERGY STAR                                                                                         |
| <b>Long Idle</b>                    | 8.03                         | 27.46           | As specified EPA ENERGY STAR                                                                                             |
| <b>S3 "Sleep" or Modern Standby</b> | 1.95                         | 6.67            | S3=Suspend-to-RAM, or <a href="#">Modern Standby</a>                                                                     |
| <b>Off/Standby</b>                  | 0.45                         | 1.53            | System is turned off but still connected to its AC power source.                                                         |

**Energy Consumption<sup>1</sup>**

Energy efficiency benefits the environment and lowers the total cost of equipment ownership by reducing power consumption. Click [here](#) 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.

Declared noise emission values in accordance with ISO 9296. Testing performed in compliance with ISO 7779 with operating modes defined by ECMA-74.

<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 <https://www.dell.com/learn/us/en/uscorp1/dell-environment>

## VIII. Product Materials Information

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

Dell's Restricted Material for Use guidance document is available at [www.dell.com/restrictedsubstanceslist](http://www.dell.com/restrictedsubstanceslist).

- The case material is >PC<, >PC+ABS<, Aluminum
  - This product contains 18% 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)

<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 <https://www.dell.com/learn/us/en/uscorp1/dell-environment>



|                                                                                                |                                                                                                 |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Mechanical plastic parts <sup>2</sup> > 25 g are BFR/PVC free                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Marking of plastics parts greater than 25 grams is in accordance with ISO 11469 (see below)    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Printed circuit boards (without components) >25g are BFR PVC free <sup>3</sup>                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Insulation materials of external electrical cables are PVC free                                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA |
| Insulation materials of internal electrical cables are PVC free                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Product is BFR/PVC Free (Accessories & Options may not be BFR/PVC-Free, refer to spec ENV0199) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                             |

#### Flame Retardants Used in Motherboard

| Part        | Flame Retardant                                                                                                                         |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Motherboard | 4% Phosphoric flame retardants (DOPO)<br>0.5-4% Aromaticpolyphosphate<br>0.5-2% Tetrakis(2,6-dimethylphenyl) 1,3-phenylene bisphosphate |

#### 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 |
|---------------------|-----------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| RCM6224             | >PC-I-(MD+TD)25FR(40)(REC)<             | FR(40)                                                             | Halogen-free organic phosphorus compounds                   | NA                                                                                          |
| D551RC              | >PC-GF50FR(40)(REC)<                    | FR(40)                                                             | Halogen-free organic phosphorus compounds                   | NA                                                                                          |

#### Mercury Information

| Number of bulbs | Average per bulb |
|-----------------|------------------|
| 0               | N/A              |

#### 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](#)

<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 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)

<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 Cl 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)



## 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](http://www.dell.com/restrictedsubstanceslist).

For ROW EH packaging

| Packaging Materials           | Total Weight, (g) | Sustainable Material Content[1] (e.g Recycled content<br>*,bio-based, Sustainable Forested materials) | % Sustainable Material |            |             |
|-------------------------------|-------------------|-------------------------------------------------------------------------------------------------------|------------------------|------------|-------------|
|                               |                   |                                                                                                       | APJ region             | DAO region | EMEA region |
| Corrugated Fiberboard         | 515               | Recycled Content                                                                                      | Min 35%                | Min 35%    | Min 35%     |
| Molded paper pulp             | 310               | Recycled content                                                                                      | 100%                   | 100%       | 100%        |
| PET                           | 11                | Recycled content                                                                                      | 0%                     | 0%         | 0%          |
| Other, please specify (Paper) | 5                 |                                                                                                       |                        |            |             |

For US EH packaging

| Packaging Materials           | Total Weight, (g) | Sustainable Material Content[1] (e.g Recycled content<br>*,bio-based, Sustainable Forested materials) | % Sustainable Material |            |             |
|-------------------------------|-------------------|-------------------------------------------------------------------------------------------------------|------------------------|------------|-------------|
|                               |                   |                                                                                                       | APJ region             | DAO region | EMEA region |
| Corrugated Fiberboard         | 515               | Recycled Content                                                                                      | Min 35%                | Min 35%    | Min 35%     |
| Molded paper pulp             | 310               | Recycled content                                                                                      | 100%                   | 100%       | 100%        |
| PET                           | 11                | Recycled content                                                                                      | 0%                     | 0%         | 0%          |
| Other, please specify (Paper) | 5                 |                                                                                                       |                        |            |             |

For MCF ROW packaging

| Packaging Materials   | Total Weight, (g) | Sustainable Material Content[1] (e.g Recycled content<br>*,bio-based, Sustainable Forested materials) | % Sustainable Material |            |             |
|-----------------------|-------------------|-------------------------------------------------------------------------------------------------------|------------------------|------------|-------------|
|                       |                   |                                                                                                       | APJ region             | DAO region | EMEA region |
| Corrugated Fiberboard | 405               | Recycled Content                                                                                      | Min 35%                | Min 35%    | Min 35%     |
| Molded paper pulp     | 220               | Recycled content                                                                                      | 100%                   | 100%       | 100%        |
| LDPE Bags             | 18                | Recycled content                                                                                      | 0%                     | 0%         | 0%          |

For MCF US packaging

| Packaging Materials   | Total Weight, (g) | Sustainable Material Content[1] (e.g Recycled content<br>*,bio-based, Sustainable Forested materials) | % Sustainable Material |            |             |
|-----------------------|-------------------|-------------------------------------------------------------------------------------------------------|------------------------|------------|-------------|
|                       |                   |                                                                                                       | APJ region             | DAO region | EMEA region |
| Corrugated Fiberboard | 405               | Recycled Content                                                                                      | Min 35%                | Min 35%    | Min 35%     |
| Molded paper pulp     | 220               | Recycled content                                                                                      | 100%                   | 100%       | 100%        |
| LDPE Bags             | 18                | Recycled content                                                                                      | 0%                     | 0%         | 0%          |

For SHTL packaging

| Packaging Materials   | Total Weight, (g) | Sustainable Material Content[1] (e.g Recycled content<br>*,bio-based, Sustainable Forested materials) | % Sustainable Material |            |             |
|-----------------------|-------------------|-------------------------------------------------------------------------------------------------------|------------------------|------------|-------------|
|                       |                   |                                                                                                       | APJ region             | DAO region | EMEA region |
| Corrugated Fiberboard | 359               | Recycled Content                                                                                      | Min 35%                | Min 35%    | Min 35%     |
| Molded paper pulp     | 220               | Recycled content                                                                                      | 100%                   | 100%       | 100%        |
| LDPE Bags             | 18                | Recycled content                                                                                      | 0%                     | 0%         | 0%          |

For TAA packaging

| Packaging Materials   | Total Weight, (g) | Sustainable Material Content[1] (e.g Recycled content<br>*,bio-based, Sustainable Forested materials) | % Sustainable Material |            |             |
|-----------------------|-------------------|-------------------------------------------------------------------------------------------------------|------------------------|------------|-------------|
|                       |                   |                                                                                                       | APJ region             | DAO region | EMEA region |
| Corrugated Fiberboard | 359               | Recycled Content                                                                                      | Min 35%                | Min 35%    | Min 35%     |
| Molded paper pulp     | 220               | Recycled content                                                                                      | 100%                   | 100%       | 100%        |
| LDPE Bags             | 18                | Recycled content                                                                                      | 0%                     | 0%         | 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 (DBV/KTS/JHT)         | Lithium Metal | 0.005               |        |
| Rechargeable Battery x 6 cell (Sunwoda) | Lithium Ion   | 0.37                | 83 Wh  |
| Rechargeable Battery x 6 cell (BYD)     | Lithium Ion   | 0.38                | 83 Wh  |
| Rechargeable Battery x 6 cell (Sunwoda) | Lithium Ion   | 0.40                | 93 Wh  |
| Rechargeable Battery x 6 cell (BYD)     | Lithium Ion   | 0.41                | 93 Wh  |

## 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 please visit <https://www.dell.com/learn/is/en/is/corp1/dell-environment-greener-products>

## XII. France Repairability Index

On January 1, 2021, France introduced a new Repairability Index for five categories of electronic devices, including laptops. The aim of this new Repairability Index is to inform customers about available repair options for a product prior to purchase.

The Repairability Index is a score ranging from 0 to 10/10, calculated based on five criteria:

- 1. Documentation:** A score determined by the manufacturer's commitment to make technical documents available free of charge, in number of years, to repairers and consumers.
- 2. Disassembly, tools, and fasteners:** A score determined by how easy it is to disassemble the product, the type of tools needed, and the characteristics of the fasteners.
- 3. Availability of spare parts:** A score determined by the length of time the manufacturer commits to makes spare parts available for the product and the time it takes to deliver them.
- 4. Price of spare parts:** A score determined by the ratio of the sale price of spare parts to the price of the product.
- 5. Product specific:** A score determined by sub-criteria specific to the product category concerned, which may include availability of remote support, software updates, and resets.

The Repairability Index for this product and the parameters used to calculate the Repairability Index, are provided in Appendix C.

## 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 [www.dell.com/recyclingworldwide](http://www.dell.com/recyclingworldwide) 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](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**  
<http://i.dell.com/sites/content/corporate/corp-comm/en/Documents/dell-iso14001-worldwide.pdf>
- **Materials Restricted for Use**  
[www.dell.com/restrictedsubstanceslist](http://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://support.dellproductcompliance.com/hc/en-us/articles/360036876153-Materials-Restricted-Material-Compliance>
- **REACH Compliance**  
[www.dell.com/REACH](http://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 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.

Additional information on ErP Lot 3, Lot 7 & Lot 26 available [here](#).

|                                     |                   |                   |
|-------------------------------------|-------------------|-------------------|
| Processor Speed in GHz              | 2.3               | 2.3               |
| Number of Cores                     | 16                | 16                |
| Total Installed System Memory in GB | 128               | 128               |
| Graphics                            | G7                | Integrated        |
| <b>Category</b>                     | <b>Category C</b> | <b>Category A</b> |
| Total Installed Memory in GB        | 128               | 128               |
| Memory Adder                        | 49.6              | 49.6              |
| <b>Adders</b>                       |                   |                   |
| Additional Internal Storage?        | <b>Yes</b>        | <b>Yes</b>        |
| Storage Adder                       | 3.00              | 3.00              |
| 1st Discrete Graphics Card?         | <b>G7</b>         | <b>Integrated</b> |
| 1st Discrete Graphics Adder         | 61.00             | 0.00              |
| 2nd Discrete Graphics Card?         | <b>N/A</b>        | <b>N/A</b>        |
| 2nd Discrete Graphics Adder         | 0.00              | 0.00              |
| Discrete Television Tuner Card?     | <b>No</b>         | <b>No</b>         |
| Discrete TV Tuner Card Adder        | 0.00              | 0.00              |
| <b>Category</b>                     | <b>Category C</b> | <b>Category A</b> |
| Processor Speed in GHz              | 2.3               | 2.3               |
| Number of Cores                     | 16                | 16                |
| Total Installed System Memory in GB | 128               | 128               |
| Graphics                            | G7                | Integrated        |
| WOL enabled in "Sleep" Mode         | <b>Yes</b>        | <b>Yes</b>        |
| WOL enabled in "Off" Mode           | <b>No</b>         | <b>No</b>         |
| As Tested: Lowest Power State       | 0.45              | 0.40              |
| As Tested: Poff(W) WOL Disabled     | 0.45              | 0.40              |
| As Tested: Poff(W) WOL Enabled      | 0.49              | 0.41              |
| As Tested: Psleep(W) WOL Disabled   | 1.91              | 1.69              |
| As Tested: Psleep(W) WOL Enabled    | 1.95              | 1.88              |
| As Tested: Pidle(W)                 | 8.03              | 7.17              |
| Base TEC Limit (kWh)                | 60.50             | 27                |
| TEC Adders Limit (kWh)              | 113.60            | 52.60             |
| Base + Adders TEC Limit (kWh)       | 174.10            | 79.60             |
| Results TEC                         | 25.14             | 22.60             |



| Power Supply Model # | Internal or External | Link to efficiency report                                                                                                                                                                                                                                                                           |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LA240PM200           | External             | <a href="https://oee.nrcan.gc.ca/pml-imp/index.cfm?action=app.formHandler&amp;operation=details-details&amp;ref=37125577&amp;appliance=EPS&amp;nr=1">https://oee.nrcan.gc.ca/pml-imp/index.cfm?action=app.formHandler&amp;operation=details-details&amp;ref=37125577&amp;appliance=EPS&amp;nr=1</a> |
| HA240PM200           | External             | <a href="https://oee.nrcan.gc.ca/pml-imp/index.cfm?action=app.formHandler&amp;operation=details-details&amp;ref=37029307&amp;appliance=EPS&amp;nr=1">https://oee.nrcan.gc.ca/pml-imp/index.cfm?action=app.formHandler&amp;operation=details-details&amp;ref=37029307&amp;appliance=EPS&amp;nr=1</a> |
| DA240PM200           | External             | <a href="https://oee.nrcan.gc.ca/pml-imp/index.cfm?action=app.formHandler&amp;operation=details-details&amp;ref=37126657&amp;appliance=EPS&amp;nr=1">https://oee.nrcan.gc.ca/pml-imp/index.cfm?action=app.formHandler&amp;operation=details-details&amp;ref=37126657&amp;appliance=EPS&amp;nr=1</a> |
| HA180PM210           | External             | <a href="https://oee.nrcan.gc.ca/pml-imp/index.cfm?action=app.formHandler&amp;operation=details-details&amp;ref=37130869&amp;appliance=EPS&amp;nr=1">https://oee.nrcan.gc.ca/pml-imp/index.cfm?action=app.formHandler&amp;operation=details-details&amp;ref=37130869&amp;appliance=EPS&amp;nr=1</a> |
| DA180PM210           | External             | <a href="https://oee.nrcan.gc.ca/pml-imp/index.cfm?action=app.formHandler&amp;operation=details-details&amp;ref=37136572&amp;appliance=EPS&amp;nr=1">https://oee.nrcan.gc.ca/pml-imp/index.cfm?action=app.formHandler&amp;operation=details-details&amp;ref=37136572&amp;appliance=EPS&amp;nr=1</a> |
| LA180PM210           | External             | <a href="https://oee.nrcan.gc.ca/pml-imp/index.cfm?action=app.formHandler&amp;operation=details-details&amp;ref=37249394&amp;appliance=EPS&amp;nr=1">https://oee.nrcan.gc.ca/pml-imp/index.cfm?action=app.formHandler&amp;operation=details-details&amp;ref=37249394&amp;appliance=EPS&amp;nr=1</a> |

\* **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 [here](#) for Dell's Energy efficient products

Declared Noise Emissions in accordance with ISO 9296. Testing performed in accordance with ISO 7779 at operating modes defined by ECMA 74. Your product may perform differently, depending on the software, components, and peripherals you ordered. No warranty as to accuracy or completeness is expressed or implied.

#### Computers Category A:

| Service Level | Sound Power<br>Declared mean A-<br>weighted level | Statistical adder<br>for verification | Sound Pressure<br>Declared mean A-<br>weighted emission level |
|---------------|---------------------------------------------------|---------------------------------------|---------------------------------------------------------------|
|               | L <sub>WA,m</sub> (B)                             | K <sub>V</sub> (B)                    | L <sub>pA,m</sub> (dB)                                        |
| SSD Accessing | 2.2                                               | 0.4                                   | 14                                                            |
| ODD Accessing | -                                                 | -                                     | -                                                             |
| Idle          | 2.2                                               | 0.4                                   | 14                                                            |

<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.



**Computers Category C:**

| Service Level | Sound Power<br>Declared mean A-<br>weighted level | Statistical adder<br>for verification | Sound Pressure<br>Declared mean A-<br>weighted emission level |
|---------------|---------------------------------------------------|---------------------------------------|---------------------------------------------------------------|
|               | $L_{WA,m}$ (B)                                    | $K_V$ (B)                             | $L_{pA,m}$ (dB)                                               |
| SSD Accessing | 2.6                                               | 0.4                                   | 18                                                            |
| ODD Accessing | -                                                 | -                                     | -                                                             |
| Idle          | 2.2                                               | 0.4                                   | 14                                                            |



## 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.



## Appendix C: France Reparability Index

| CALCUL DE L'INDICE DE RÉPARABILITÉ ET PRÉSENTATION DES PARAMÈTRES AYANT PERMIS DE L'ÉTABLIR             |                                                                                                                | Ordinateur portable                                                        |                             |                        |                                      |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------|------------------------|--------------------------------------|
| FICHE D'INFORMATION À TRANSMETTRE AUX DEMANDEURS<br>(cf. Article L. 541-9-2 du Code de l'environnement) |                                                                                                                |                                                                            |                             |                        |                                      |
| Nom ou marque commerciale du producteur ou de l'importateur                                             |                                                                                                                | Dell                                                                       |                             |                        |                                      |
| Adresse du producteur ou de l'importateur                                                               |                                                                                                                | 1 Dell Way, Round Rock, TX 78682, United States                            |                             |                        |                                      |
| Référence du modèle donnée par le producteur ou l'importateur                                           |                                                                                                                | P114F                                                                      |                             |                        |                                      |
| Date du calcul                                                                                          |                                                                                                                | La "DATE D'ENTRÉE EN VIGUEUR" indiquée sur la première page de ce document |                             |                        |                                      |
| Critère                                                                                                 | Sous-critère                                                                                                   | Note du sous-critère sur 10                                                | Coefficient du sous critère | Note du critère sur 20 | Total des notes des critères sur 100 |
| CRITÈRE 1 : DOCUMENTATION                                                                               | 1.1 Durée de disponibilité de la documentation technique et relative aux conseils d'utilisation et d'entretien | 8.5                                                                        | 2                           | 16.9                   | 68.6                                 |
| CRITÈRE 2 : DÉMONTABILITÉ, ACCÈS, OUTILS, FIXATIONS                                                     | 2.1 Facilité de démontage des pièces de la liste 2*                                                            | 9.3                                                                        | 1                           | 19.3                   |                                      |
|                                                                                                         | 2.2 Outils nécessaires (liste 2)                                                                               | 10.0                                                                       | 0.5                         |                        |                                      |
|                                                                                                         | 2.3 Caractéristiques des fixations entre les pièces de la liste 1** et de la liste 2                           | 10.0                                                                       | 0.5                         |                        |                                      |
| CRITÈRE 3 : DISPONIBILITÉ DES PIÈCES DÉTACHÉES                                                          | 3.1 Durée de disponibilité des pièces de la liste 2                                                            | 7.1                                                                        | 1                           | 12.4                   |                                      |
|                                                                                                         | 3.2 Durée de disponibilité des pièces de la liste 1                                                            | 7.1                                                                        | 0.5                         |                        |                                      |
|                                                                                                         | 3.3 Délais de livraison des pièces de la liste 2                                                               | 3.3                                                                        | 0.3                         |                        |                                      |
|                                                                                                         | 3.4 Délais de livraison des pièces de la liste 1                                                               | 3.3                                                                        | 0.2                         |                        |                                      |
| CRITÈRE 4 : PRIX DES PIÈCES DÉTACHÉES                                                                   | 4. Rapport prix des pièces de la liste 2 sur prix de l'équipement neuf                                         | 0                                                                          | 2                           | 0                      |                                      |
| CRITÈRE 5 : CRITÈRE SPÉCIFIQUE                                                                          | 5.1 Informations sur la nature des mises à jour                                                                | 10.0                                                                       | 1                           | 20.0                   |                                      |
|                                                                                                         | 5.2 Assistance à distance sans frais                                                                           | 10.0                                                                       | 0.5                         |                        |                                      |
|                                                                                                         | 5.3 Possibilité de réinitialisation logicielle                                                                 | 10.0                                                                       | 0.5                         |                        |                                      |
| Note de l'indice sur 10                                                                                 |                                                                                                                |                                                                            |                             |                        | 6.9                                  |

\*liste 2 : liste des 3 à 5 pièces détachées au maximum (selon la catégorie d'équipements concernée) dont la casse ou les pannes sont les plus fréquentes ;

\*\*liste 1 : liste de 10 autres pièces détachées au maximum (selon la catégorie d'équipements concernée) dont le bon état est nécessaire au fonctionnement de l'équipement.

