



## ENVIRONMENTAL DATA SHEET

PRODUCT: E151FPb

Dell Computer Corporation

www.dell.com

## SYSTEM DIMENSION AND WEIGHT

Depth, cm	Width, cm	Height, cm	Weight, kg
11.8	35.4	36.1	4.3

## DECLARATIONS AND CERTIFICATIONS

This system received the following approvals and may be labeled with one or more of these marks depending on point of purchase:

Approvals	Certificate #	Yes / No / N/A
• USA: Energy Star	Yes	Yes
• TUV-GS, TUV-Ergonomic (visual ergonomics - LCDs: ISO 13406-2, and EN50279)	Certificate no: S50018253 G50019729	Yes
• Nordic: TCO'95	Certificate no: 95:0211:2039	Yes
• Germany: Blue Angel	N/A	N/A

PERFORMANCE DATA<sup>1</sup>

## Electromagnetic Compatibility

Systems marked with the symbol "CE" indicate compliance to the EMC Directive and the Low Voltage Directive of the European Union.

## System Configuration

The Energy Consumption and Declared Noise Emissions data is based on a configuration including «Config».

## Energy Consumption

Service Level	Energy Consumption (Wattage)	Heat Dissipation (BTU/hr)	Description of Service Level	Energy Save Requirements Yes / No / N/A
Maximum	23	79	The system is running programs to maximize the power consumption.	Yes
Minimum	16	55	The system is in a waiting mode, such as at the MS-DOS prompt.	Yes
ACPI S3	1.5	5.1	The system is in a low-power sleep mode.	Yes
Off	1.5	5.1	The system is turned off but is still connected to its AC power source.	Yes
Power Supply	N/A	N/A	AC adapter is connected to mains with portable detached (portables only).	N/A

Energy consumption is tested at 230 Volts / 50 Hz. Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour. Off data is not meant to show compliance to US Executive Order 13221. When applicable, Dell product information related to US Executive Order 13221 may be obtained at: <http://oahu.lbl.gov/index.html>.

## Declared Noise Emissions in accordance with ISO 9296

Service Level	Sound Power ( $L_{WAd}$ , bels) (1 bel=10 decibels, re $10^{-12}$ Watts)	Sound Pressure Operator Position ( $L_{pAm}$ , decibels) (re $2 \times 10^{-5}$ Pa)
Floppy Drive Accessing	N/A	N/A
Hard Drive Accessing	N/A	N/A
Idle	N/A	N/A

<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. The information in this document may change without notice; please note the revision number on the last page.



## PRODUCT MATERIALS INFORMATION<sup>2</sup>

### Restricted Substances

This Dell product (plastic case parts, printed wiring boards, power supplies, and microprocessors) does NOT contain any of the following substances (in concentrations exceeding natural background levels)

- Asbestos
- Cadmium and its compounds above 100 parts per million (ppm)
- Halogenated dioxins or furans (i.e. polychlorinated dibenzodioxines, polychlorinated dibenzofurans)
- Halogenated flame retardants (chlorinated, brominated) in plastic parts over 25g
- Mercury (except for fluorescent bulbs used in display units)
- PCBs (polychlorobiphenyls) or PCTs (polychloroterphenyls)
- PBBs (polybromobiphenyls) or PBDEs (polybrominated diphenylethers)
- PVC (polyvinyl chloride) other than in cables and interconnect parts
- CFCs (chlorofluorocarbons), HCFCs (hydrofluorocarbons) and other ozone depleting substances
- Lead is not used in paints

None of the substances included in the Montreal Protocol annex A, B, or C is used in Dell's manufacturing plants.

### Additional Materials Information

- The cables may use PVC as an insulating material to ensure product safety
- The case material is PC+ABS
- This product does contain one or more mercury bulbs.

### Flame Retardants Used in Mechanical Plastic Parts > 25 grams, Keycaps, and Motherboards

Part	Flame Retardant	ISO11469 ISO 1043-1/-2/-3/-4 (marking)
Front Bezel	Triphenyl phosphate	>PC+ABS FR(40)<
Rear Cover	Triphenyl phosphate	>PC+ABS FR(40)<
Column	Triphenyl phosphate	>PC+ABS FR(40)<
Base	Triphenyl phosphate	>PC+ABS FR(40)<

### Packaging

No CFCs (chlorofluorocarbons), HCFCs (hydrofluorocarbons) or other ozone depleting substances are used in packaging material. Chromium, lead, mercury, or cadmium are not intentionally added to packaging materials and are not present in a cumulative concentration greater than 100 ppm as incidental impurities.

Criteria	Yes / No
• No halogenated plastics or polymers are used for packaging material	Yes
• Dell complies with the EU Directive 94/ 62/ EEC	Yes
• Depending on your point of purchase, packaging materials are labeled in accordance with DIN 6120 – "Marking of packing materials and packages for their recycling"	Yes

Packaging Materials	Weight, kg
EPS	0.065
B-Flute	0.766

Printed user documentation is bleached in a chlorine-free process. (Europe Only)

<sup>2</sup> **Waste Handling.** Local regulations should be observed when disposing of this product due to the presence of the materials and substances as listed above.



## Batteries

No Batteries are used in the product.

## DESIGN FOR ENVIRONMENT

Visit [www.dell.com/environment](http://www.dell.com/environment) for more information.

### Longevity and Upgrading

Dell systems are, when applicable, designed for easy assembly, disassembly, and servicing. To extend the life of your system, you can install or upgrade certain system components (e.g., microprocessor, memory, expansion cards, and storage devices). Spare parts are available after the end of production for up to five years, or otherwise through the warranty period.

### Recyclability

For recyclability, this system incorporates the following design guidelines:

- |   |     |
|---|-----|
| • Minimal use of non-separable connections, such as gluing and welding between different materials.         | Yes |
| • Minimal use of composite structure materials.   | Yes |
| • Painting/varnishing plastic material has been avoided.  | Yes |
| • Mechanical plastic parts greater than 100 grams consist of one material or of easily separable materials. | Yes |

## RECYCLING/ END-OF-LIFE SERVICE INFORMATION

Take back and recycling services are offered for this product in certain countries. If you want to dispose of system components, contact Dell for instructions.

## DELL CORPORATE ENVIRONMENTAL INFORMATION

The following information is available at [www.dell.com/environment](http://www.dell.com/environment):

- Corporate Environmental Policy
- Environmental Reports
- ISO 14001 certified environmental management systems