



MARKETING NAME\*: Dell Precision™ T7500, Dell Precision™ T7500n  
 REGULATORY MODEL: DCDO  
 REGULATORY TYPE: 08056  
 EFFECTIVE DATE: April 21, 2009

Dell Inc.  
 www.dell.com

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## I. PRODUCT SAFETY<sup>1</sup>

The product has been certified and bears the Mark, as applicable, of the Product Safety authorities as indicated below.

| Country/Region | Authority or Mark          |
|----------------|----------------------------|
| Argentina      | IRAM                       |
| Belarus        | BELLIS                     |
| Cambodia       | ISC                        |
| Canada         | SCC                        |
| China          | CNCA or CCC                |
| Croatia        | KONCAR                     |
| European Union | CE                         |
| Germany        | TUV                        |
| IECEE          | IECEE CB                   |
| Israel         | SII                        |
| Kazakhstan     | OTAN – CKT                 |
| Kuwait         | KUCAS                      |
| Mexico         | NYCE or NOM                |
| Moldova        | INSM                       |
| Nigeria        | SONCAP                     |
| Norway         | NEMKO                      |
| Russia         | GOST                       |
| Saudi Arabia   | KSA ICCP                   |
| Singapore      | Safety Registration Scheme |
| South Africa   | NRCS                       |
| Taiwan         | BSMI                       |
| Ukraine        | UKRTEST or UKRSERTCOMPUTER |
| United States  | NFPA                       |
| United States  | NRTL                       |
| Uzbekistan     | STZ                        |

\* Notice: This product has been assigned a unique regulatory model and regulatory type that is imprinted on the product shipping invoice and product 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. Requests for specific information on product regulatory approvals should reference the assigned product regulatory model and type.

<sup>1</sup> The above-listed Product Safety certifications may vary depending upon the location of the Dell factory and specific product configuration. Certification marks may not be applied on products for countries outside the purchaser's country.



## II. ELECTROMAGNETIC COMPATIBILITY<sup>2</sup>

The product has been certified and bears the Mark, as applicable, of the EMC authorities as indicated below.

| Country/Region                                 | Authority or Mark             | Class   |
|--|-------------------------------|---------|
| Australia /<br>New Zealand                     | ACMA<br>or C-Tick             | Class B |
| Belarus  | BELLIS                        | Class B |
| Bosnia<br>& Herzegovina,<br>Montenegro, Serbia | KVALITET                      | Class B |
| Canada   | ICES                          | Class B |
| China  | CNCA or CCC                   | Class B |
| Croatia  | KONCAR                        | Class B |
| European Union                                 | CE                            | Class B |
| Israel   | SII                           | Class B |
| Japan  | VCCI                          | Class B |
| Kazakhstan                                     | OTAN – CKT                    | Class B |
| Moldova  | INSM                          | Class B |
| Norway   | NEMKO                         | Class B |
| Russia   | GOST                          | Class B |
| South Africa                                   | SABS                          | Class B |
| South Korea                                    | KCC                           | Class B |
| Taiwan   | BSMI                          | Class B |
| Ukraine  | UKRTEST or<br>UKRSERTCOMPUTER | Class B |
| United States                                  | FCC                           | Class B |
| Uzbekistan                                     | STZ                           | Class B |
| Vietnam  | ICT                           | Class B |

## III. ERGONOMICS, ACOUSTICS AND HYGIENICS<sup>3</sup>

The product has been certified and bears the Mark, as applicable, of the Ergonomics, Acoustics and Hygienics authorities as indicated below.

| Country/Region | Authority or Mark |
|----------------|-------------------|
| Germany        | GS                |
| Russia         | GOST              |

## 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.

<sup>2</sup> The above-listed EMC certifications may vary depending upon the location of the Dell factory and specific product configuration. Certification marks may not be applied on products for countries outside the purchaser's country.

<sup>3</sup> The above-listed Ergonomics, Acoustics and Hygienics certifications may vary depending upon the location of the Dell factory and specific product configuration. Certification marks may not be applied on products for countries outside the purchaser's country.



## V. DATASHEET RESPONSIBLE PARTY NAME AND ADDRESS

Dell Inc.  
Department: Global Regulations and Standards  
MS: PS4-30  
Round Rock, Texas 78682, USA  
512-338-4400  
[Regulatory\\_Compliance@Dell.com](mailto:Regulatory_Compliance@Dell.com)

## VI. TRADE (IMPORT/EXPORT) COMPLIANCE DATA

|   |              |
|---|--------------|
| System US Harmonized Tariff System (USHTS) Number     | 8471.50.0150 |
| System US Export Control Classification Number (ECCN) | 4A994        |

For additional questions regarding importing & exporting classification of Dell products, please send an e-mail to:  
[US\\_Export\\_Classification@Dell.com](mailto:US_Export_Classification@Dell.com)

## VII. SYSTEM DIMENSION AND WEIGHT

| Depth, cm | Width, cm | Height, cm | Weight, kg   |
|-----------|-----------|------------|--|
| 55.30     | 21.60     | 56.50      | 24.90 (May vary with additional options installed) |

## VIII. 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 #        |
|--|----------------------|
| China: China Energy Certification Program (CECP) | TBD                  |
| USA: Energy Star 4.0                             | <a href="#">Yes</a>  |
| USA: Energy Star 5.0                             | Yes                  |
| EPEAT  | <a href="#">Gold</a> |

Through internal design controls and supply chain declarations, this system has been verified to comply with the EU RoHS Directive. For more details, please see [www.dell.com/rohsinfo](http://www.dell.com/rohsinfo).

All Dell products shipping directly into China which are manufactured on or after March 1st, 2007, will be China RoHS compliant. For more details, please see [www.dell.com/rohs](http://www.dell.com/rohs).

REACH (Registration, Evaluation, Authorization and Restriction of Chemicals, EC 1907/2006) is the European Union's (EU) chemical substances regulatory framework. Dell complies with the Reach directive. For more details, please see the following [http://www.dell.com/downloads/global/corporate/enviro/Dell\\_REACH\\_SVCH\\_Table.pdf](http://www.dell.com/downloads/global/corporate/enviro/Dell_REACH_SVCH_Table.pdf)



## IX. PERFORMANCE DATA

### System Configuration

The Energy Consumption and Declared Noise Emissions data is based on a configuration including:

|                       |   |
|-----------------------|---|
| Processor             | Intel® Xeon™ Processor X5550 Quad Core 2.67GHz                                  |
| Hard Drive(s)         | (2) 160GB   |
| Memory                | 2 GB of DDR3  |
| Video Card            | Discrete 256MB  |
| RMSD                  | DVD+/- RW   |
| Power Supply<br>1100W | <a href="#">H1100EF-00</a> Typical Efficiency 89.31%, Average Efficiency 87.37% |
|                       | <a href="#">N1100EF-00</a> Typical Efficiency 89.06%, Average Efficiency 87.15% |

### Energy Consumption<sup>4</sup>

| Service Level   | Energy Consumption (Wattage)                              | Heat Dissipation (BTU/hr).<br>AUTOMATICALLY CALCULATED | Description of Service Level   |
|---|---|--|--|
| *Maximum  | 216.93  | 742.48   | The system is running programs to maximize the power consumption.                            |
| Minimum   | 112.2   | 383.72   | The system is tested in compliance to Energy Star 4.0 "idle" mode.                           |
| ACPI S3   | 3.41  | 11.66  | The system is in a low-power sleep mode otherwise known as "Suspend to Ram" with WOL enabled |
| Off   | 0.97  | 3.31   | System is turned off with Low-Power-Mode enabled in the BIOS and WOL off                     |
| Using the Energy Star® 5.0 testing methodology: $P_{TEC} = 0.35 * P_{off} + 0.10 * P_{sleep} + 0.55 * P_{idle}$<br>where all $P_x$ are power values in watts with |   |  |  |
| <b><math>P_{TEC}</math> Requirement - Workstations</b>  |   | $P_{TEC} \leq 0.28 * [P_{max} + (\# HDD * 5)]$         |  |
| Operational Mode Weighting  | $T_{off}$   | 35%  |  |
|   | $T_{sleep}$   | 10%  |  |
|   | $T_{idle}$  | 55%  |  |
|   | $P_{TEC}$   | 62.39  |  |
| Workstations  | This configuration meets the Energy Star 5.0 requirements |  |  |

\*Maximum **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. 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.

<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.



## Declared Acoustic Noise Emissions Information

| Component         | Typical Configuration         | High-end Configuration        |
|-------------------|-------------------------------|-------------------------------|
| CPU               | W5580 (single CPU)            | W5580 (dual CPUs)             |
| Memory            | 4GB memory 4X1GB DIMM,1G,1066 | 6GB memory 6X1GB DIMM,1G,1066 |
| HDD (#, capacity) | 80 GB 3.5" 7200 RPM SATA2     | 80 GB 3.5" 7200 RPM SATA2     |
| RMSD              | DVD +/- RW                    | DVD +/- RW                    |
| Graphics Adapter  | Nvidia Quadro FX570           | Nvidia Quadro FX570           |

The Declared A-weighted Sound Pressure Level in decibels (re  $2 \times 10^{-5}$  Pa), at Operator, Bystander, and Desk Side Positions are measured in accordance with ISO 7779 7.6.1, 7.6.2, and C.15.2 and declared in accordance with ISO 9296 for this product is as follows<sup>5</sup>:

Table Top:

| Operating Mode | Typical Configuration<br>Declared Sound Pressure ( $L_{pA}$ ) |                                    | High-end Configuration<br>Declared Sound Pressure ( $L_{pA}$ ) |                                    |
|----------------|---|------------------------------------|--|------------------------------------|
|                | Operator Position<br>( $L_{pA}$ )                             | Bystander Position<br>( $L_{pA}$ ) | Operator Position ( $L_{pA}$ )                                 | Bystander Position<br>( $L_{pA}$ ) |
| Idle           | 36  | 32                                 | 37   | 33                                 |
| HDD Operating  | 37  | 32                                 | 37   | 33                                 |
| ODD Operating  | 44  | 38                                 | 45   | 39                                 |
| 90% CPU        | 36  | 32                                 | 41   | 35                                 |

Floor-Standing (Deskside):

| Operating Mode | Typical Configuration<br>Declared Sound Pressure ( $L_{pA}$ ) |  | High-end Configuration<br>Declared Sound Pressure ( $L_{pA}$ ) |                                       |
|----------------|---|--|--|---------------------------------------|
|                | Operator<br>( $L_{pA}$ )                                      | Position<br>Bystander Position<br>( $L_{pA}$ ) | Operator Position ( $L_{pA}$ )                                 | Bystander<br>Position<br>( $L_{pA}$ ) |
| Idle           | 28  | 28   | 29   | 29                                    |
| HDD Operating  | 28  | 28   | 29   | 29                                    |
| ODD Operating  | 36  | 35   | 37   | 35                                    |
| 90% CPU        | 28  | 28   | 31   | 31                                    |

Note: Declared Sound Pressure rounded to nearest whole number of decibels as per ISO 9296 section 4.4.4

<sup>5</sup> All tests are conducted according to ISO 7779 and declared according to ISO 9296 except 90% CPU. For this mode, the system CPU was stressed at 90% utilization with no other peripheral device actively seeking. This test mode is not specified in ISO 7779, but was measured using the same microphone distances and measurement techniques defined for the other reported operating modes.



## X. PRODUCT MATERIALS INFORMATION<sup>6</sup>

### Restricted Substances

This Dell product does **NOT** contain any of the following substances (in concentrations exceeding legal threshold limits):

- Asbestos
- Azo dyes/colorants in components that come into direct contact with human skin
- Cadmium and its compounds (except for use in applications exempted by the EU RoHS Directive)
- Class I and Class II CFCs (chlorofluorocarbons) and HCFCs (hydrofluorocarbons)
- Chloroparaffins, short chained (10-13 carbon chain)
- Chromium VI and its compounds (except for use in applications exempted by the EU RoHS Directive)
- Halogenated dioxins or furans (i.e. polychlorinated dibenzodioxines, polychlorinated dibenzofurans)
- Lead and its compounds (except for use in applications exempted by the EU RoHS Directive)
- Mercury (except for use in applications exempted by the EU RoHS Directive)
- Nickel and its compounds in components that are likely to result in prolonged skin exposure
- PCBs (polychlorobiphenyls) or PCTs (polychloroterphenyls)
- PBBs (polybromobiphenyls) or PBDEs (polybrominated diphenylethers)
- PVC (polyvinyl chloride) in plastic parts greater than 25 grams
- Polychlorinated naphthalenes (PCNs)
- Tributyl tin (TBT) and triphenyl tin (TPT) compounds

For information on Japan RoHS (J-MOSS) chemical disclosures: [www.dell.com/japan\\_rohs](http://www.dell.com/japan_rohs).

### Additional Materials Information

- The cables may use PVC as an insulating material to ensure product safety
- The case material is sheet metal, PC+ABS
- Product may contain post-industrial recycled content (plastics, metal, glass)

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

| Part                          | Flame Retardant           | ISO 1043-4      |
|-------------------------------|---------------------------|-----------------|
| Motherboard                   | TBBPA                     | FR16            |
| Plastic Part Material: ABS    | N/A                       | >ABS<           |
| Plastic Part Material: PC+ABS | Triphenyl phosphate ester | >PC+ABS FR(40)< |

<sup>6</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.



## XI. 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. No halogenated plastics or polymers are used for packaging material. Dell complies with the EU Directive 94/62/EEC.

| Packaging Materials  | Weight, kg |
|----------------------|------------|
| Corrugated Cardboard | 4.17       |
| LDPE                 | 0.79       |

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

## XII. BATTERIES

Batteries in this product are not based on mercury, lead or cadmium technologies. The batteries used in this product are in compliance with EU Directive 91/ 157/ EEC, EU Directive 93/ 86/ EEC and EU Directive 98/ 101/ EEC.

The product documentation includes instructional information on the proper removal and disposal of the batteries used in this product. Below is a listing of batteries present in the product:

| Battery Description – Internal Batteries | Battery Type      |
|--|-------------------|
| 3-V CR2032 Coin Cell                     | Lithium coin cell |

## XIII. DESIGN FOR ENVIRONMENT

### 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:

- EU WEEE mark is applied to products sold in Europe, EU recycling information can be found at [www.euro.dell.com/recycling](http://www.euro.dell.com/recycling)
- Minimal use of non-separable connections, such as gluing and welding between different materials.
- Mechanical plastic parts greater than 100 grams consist of one material or of easily separable materials.

## XIV. RECYCLING/ END-OF-LIFE SERVICE INFORMATION

Take back and recycling services are offered for this product in certain countries. If you want to dispose of system components, contact Dell for instructions by emailing [recycling\\_emea@dell.com](mailto:recycling_emea@dell.com) or visit [www.dell.com/recyclingworldwide](http://www.dell.com/recyclingworldwide) and select the relevant country.



## XV. DELL CORPORATE ENVIRONMENTAL INFORMATION

Information on Dell's Environmental initiatives, policies, programs and goals can be found at [www.dell.com/environment](http://www.dell.com/environment).

Product Safety, EMC and Environmental Datasheets for Dell products are located at:  
[www.dell.com/regulatory\\_compliance\\_datasheets](http://www.dell.com/regulatory_compliance_datasheets)