**Product environmental attributes – THE ECO DECLARATION**

The declaration may be published only when all rows and/or fields marked with an * are filled-in (n.a. for not applicable).

Additional information regarding each item may be found under P14.

<table>
<thead>
<tr>
<th>Brand *</th>
<th>Lenovo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company name *</td>
<td>Lenovo</td>
</tr>
</tbody>
</table>
| Contact information * | Lenovo Global Environmental Affairs  
Alvin L. Carter  
1029 Think Place  
Building 2 / 5F1  
Morrisville, North Carolina 27560  
alcarter@lenovo.com |
| Additional information | The latest version of this document can be found at  

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.

<table>
<thead>
<tr>
<th>Type of product *</th>
<th>All-in-One Desktop PC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial name *</td>
<td>IdeaCentre B550</td>
</tr>
<tr>
<td>Model number *</td>
<td>10135, F0A6</td>
</tr>
<tr>
<td>Issue date *</td>
<td>2014/05/13</td>
</tr>
<tr>
<td>Intended market *</td>
<td>Global, Europe, Asia, Pacific &amp; Japan, Americas, Other</td>
</tr>
</tbody>
</table>

Additional information

This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

<table>
<thead>
<tr>
<th>Quality Control</th>
<th>Requirement met</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Item</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>QC1 *</td>
<td>The company enforces an internal quality control scheme to ensure the correctness of this eco declaration</td>
<td>☒</td>
<td>☐</td>
</tr>
<tr>
<td>QC2 *</td>
<td>The company is a member of an eco declaration system that enforces regular independent quality control such as organized by IT-Företagen (see <a href="http://www.itecodeclaration.org">www.itecodeclaration.org</a>)</td>
<td>☐</td>
<td>☒</td>
</tr>
<tr>
<td>Item</td>
<td>Hazardous substances and preparations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>-----------------------------------------------------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P1.1</td>
<td>Products do not contain more than 0.1% lead, 0.01% cadmium, 0.1% mercury, 0.1% hexavalent chromium, 0.1% polybrominated biphenyls (PBB) or 0.1% polybrominated diphenyl ethers (PBDE). <em>(See legal reference and Note B1)</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P1.2</td>
<td>Products do not contain Asbestos <em>(see legal reference)</em>. Comment: Legal reference has no maximum concentration value.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P1.3</td>
<td>Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide <em>(see legal reference)</em>. Comment: Legal reference has no maximum concentration values.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P1.4</td>
<td>Products do not contain more than 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated terphenyl (PCT) in preparations <em>(see legal reference)</em>.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P1.5</td>
<td>Products do not contain more than 0.1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP <em>(see legal reference)</em>.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P1.6</td>
<td>Textile and leather parts with direct skin contact do not contain Tri-(2,3,-dibromopropyl)-phosphate (TRIS), Tris-(aziridinyl)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) <em>(see legal reference)</em>. Comment: Legal reference has no maximum concentration values.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P1.7</td>
<td>Textile and leather parts with direct skin contact do not contain more than 0.003% Azo colorants that split aromatic amines. <em>(See legal reference and Note B1)</em>.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P1.8</td>
<td>Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as pentachlorophenol and derivatives <em>(see legal reference)</em>. Comment: Legal reference has no maximum concentration values.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P1.9</td>
<td>Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5 microgram/cm²/week <em>(see legal reference)</em>. Comment: Max limit in legal reference when tested according to EN1811:1998.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note B1:** Restriction applies to the homogeneous material, unless other specified and expressed in weight %. 

### Product environmental attributes - Market requirements - Environmental conscious design

<table>
<thead>
<tr>
<th>Item</th>
<th>Requirement met</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>P6 Treatment information</strong></td>
<td></td>
</tr>
<tr>
<td>P6.1*</td>
<td>Information for recyclers/treatment facilities is available (see legal reference).</td>
</tr>
<tr>
<td><strong>P7 Design Disassembly, recycling</strong></td>
<td></td>
</tr>
<tr>
<td>P7.1*</td>
<td>Parts that have to be treated separately are easily separable</td>
</tr>
<tr>
<td>P7.2*</td>
<td>Plastic materials in covers/housing have no surface coating.</td>
</tr>
<tr>
<td>P7.3*</td>
<td>Plastic parts &gt;100g consist of one material or of easily separable materials.</td>
</tr>
<tr>
<td>P7.4*</td>
<td>Plastic parts &gt;25g have material codes according to ISO 11469 referring ISO 1043.</td>
</tr>
<tr>
<td>P7.5</td>
<td>Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.</td>
</tr>
<tr>
<td>P7.6*</td>
<td>Labels are easily separable. (This requirement does not apply to safety/regulatory labels).</td>
</tr>
<tr>
<td><strong>P7.7</strong></td>
<td>Upgrading can be done e.g. with processor, memory, cards or drives</td>
</tr>
<tr>
<td><strong>P7.8</strong></td>
<td>Upgrading can be done using commonly available tools</td>
</tr>
<tr>
<td><strong>P7.9</strong></td>
<td>Spare parts are available after end of production for: 5 years</td>
</tr>
<tr>
<td><strong>P7.10</strong></td>
<td>Service is available after end of production for: 5 years</td>
</tr>
<tr>
<td><strong>Material and substance requirements</strong></td>
<td></td>
</tr>
</tbody>
</table>
| P7.11* | Product cover/housing material type:
| Material type: **ABS** & Material type: **PC+ABS** |
| P7.12 | Electrical cable insulation materials of power cables are PVC free. |
| P7.13 | Electrical cable insulation materials of signal cables are PVC free. |
| P7.14 | All cover/housing plastic parts >25g are free from chlorine and bromine. |
| P7.15 | All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See Note B2) |
| P7.16 | Flame retarded plastic parts >25g in covers/housings are marked according ISO 1043-4: Marking: FR(40) |
| P7.17 | Alt. 1
| Chemical specifications of flame retardants in printed circuit boards >25g (without components):
| TBBPA (additive) ☐, TBBPA (reactive) ☐, Other; chemical name: Epoxy Resin, CAS #: 26265-08-7 |
| Alt. 2
| Chemical specifications of flame retardants in printed circuit boards (without components) >25g according ISO 1043-4: Brominated Epoxy Resin See P14 |
| P7.18 | Alt. 1
| Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in concentrations above 0.1%:
| Comment: No legal limits exist, this is a market requirement.
| 1. Chemical name: Phosphate Flame Retardant CAS #: confidential, Supplier: Mitsubishi |
| 2. Chemical name: CAS #: , Supplier: |
| 3. Chemical name: CAS #: , Supplier: |
| Alt. 2
| Chemical specifications of flame retardants in plastic part |
| P7.19 | Plastic parts >25g are free from flame retardant substances/preparations above 0.1% classified as R45, R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3) |
| P7.20 | Of total plastic parts’ weight >25g, recycled material content is 12%. |
| P7.21 | Of total plastic parts’ weight >25g, biobased material content is 0%. |
| P7.22 | Light sources are free from mercury. If mercury is used specify: Number of lamps: and max. mercury content per lamp: mg |
| **P8 Batteries** | |
| P8.1 | Battery chemical composition: Lithium Ion / Lithium Manganese Dioxide |
| P8.2 | Batteries meet the requirements of the following voluntary program/s: |

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**Note B2:** IEC61249-2-21 has maximum limits for chlorine and bromine but does not address fluorine, iodine and astatine which are included in the group of halogens.

**Note B3:** Starting from January 2009, Risk phrases can be replaced by Hazard phrases according to the Globally Harmonized System (GHS), mandatory by December 2010.
### P9  Energy consumption

For the product the following power levels or energy consumptions are reported: See P14

<table>
<thead>
<tr>
<th>Energy mode *</th>
<th>Power level at 100 V AC</th>
<th>Power level at 115 V AC</th>
<th>Power level at 230 V AC</th>
<th>Reference / Standard for energy modes and test method *</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Peak (On-max)</strong></td>
<td>W</td>
<td>W</td>
<td>W</td>
<td>Full load</td>
</tr>
</tbody>
</table>

#### Category D2

<table>
<thead>
<tr>
<th>State</th>
<th>Power level at 100 V AC</th>
<th>Power level at 115 V AC</th>
<th>Power level at 230 V AC</th>
<th>Use for ENERGY STAR V6 registration(P_{on})</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short Idle State - WOL Enabled</td>
<td>W</td>
<td>W</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>Long Idle State - WOL Enabled</td>
<td>W</td>
<td>W</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>Sleep (S3) - WOL Enabled</td>
<td>W</td>
<td>W</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>Sleep (S3) - WOL Disabled</td>
<td>W</td>
<td>W</td>
<td>W</td>
<td></td>
</tr>
</tbody>
</table>

#### Category D1

<table>
<thead>
<tr>
<th>State</th>
<th>Power level at 100 V AC</th>
<th>Power level at 115 V AC</th>
<th>Power level at 230 V AC</th>
<th>Use for ENERGY STAR V6 registration(P_{on})</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short Idle State - WOL Enabled</td>
<td>W</td>
<td>W</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>Long Idle State - WOL Enabled</td>
<td>W</td>
<td>W</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>Sleep (S3) - WOL Enabled</td>
<td>W</td>
<td>W</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>Off (S5) - WOL Enabled</td>
<td>W</td>
<td>W</td>
<td>W</td>
<td></td>
</tr>
</tbody>
</table>

#### Category I3

<table>
<thead>
<tr>
<th>State</th>
<th>Power level at 100 V AC</th>
<th>Power level at 115 V AC</th>
<th>Power level at 230 V AC</th>
<th>Use for ENERGY STAR V6 registration(P_{on})</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short Idle State - WOL Enabled</td>
<td>48.25 W</td>
<td>48.01 W</td>
<td>48.22 W</td>
<td></td>
</tr>
<tr>
<td>Long Idle State - WOL Enabled</td>
<td>25.27 W</td>
<td>25.49 W</td>
<td>25.80 W</td>
<td></td>
</tr>
<tr>
<td>Sleep (S3) - WOL Enabled</td>
<td>0.79 W</td>
<td>0.80 W</td>
<td>0.93 W</td>
<td></td>
</tr>
<tr>
<td>Off (S5) - WOL Enabled</td>
<td>0.08 W</td>
<td>0.09 W</td>
<td>0.21 W</td>
<td></td>
</tr>
</tbody>
</table>

#### Category I2

<table>
<thead>
<tr>
<th>State</th>
<th>Power level at 100 V AC</th>
<th>Power level at 115 V AC</th>
<th>Power level at 230 V AC</th>
<th>Use for ENERGY STAR V6 registration(P_{on})</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short Idle State - WOL Enabled</td>
<td>46.13 W</td>
<td>44.75 W</td>
<td>43.98 W</td>
<td></td>
</tr>
<tr>
<td>Long Idle State - WOL Enabled</td>
<td>26.91 W</td>
<td>25.77 W</td>
<td>25.31 W</td>
<td></td>
</tr>
<tr>
<td>Sleep (S3) - WOL Enabled</td>
<td>0.92 W</td>
<td>0.94 W</td>
<td>1.11 W</td>
<td></td>
</tr>
<tr>
<td>Off (S5) - WOL Enabled</td>
<td>0.10 W</td>
<td>0.11 W</td>
<td>0.27 W</td>
<td></td>
</tr>
</tbody>
</table>

#### Category I1

<table>
<thead>
<tr>
<th>State</th>
<th>Power level at 100 V AC</th>
<th>Power level at 115 V AC</th>
<th>Power level at 230 V AC</th>
<th>Use for ENERGY STAR V6 registration(P_{on})</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short Idle State - WOL Enabled</td>
<td>45.38 W</td>
<td>46.03 W</td>
<td>46.30 W</td>
<td></td>
</tr>
<tr>
<td>Long Idle State - WOL Enabled</td>
<td>23.90 W</td>
<td>24.05 W</td>
<td>24.42 W</td>
<td></td>
</tr>
<tr>
<td>Sleep (S3) - WOL Enabled</td>
<td>1.67 W</td>
<td>1.88 W</td>
<td>2.03 W</td>
<td></td>
</tr>
<tr>
<td>Off (S5) - WOL Enabled</td>
<td>0.08 W</td>
<td>0.09 W</td>
<td>0.20 W</td>
<td></td>
</tr>
</tbody>
</table>

#### EPS No-load

(External power supply / charger plugged in the wall outlet but disconnected from the product.)

<table>
<thead>
<tr>
<th>Power level at 100 V AC</th>
<th>Power level at 115 V AC</th>
<th>Power level at 230 V AC</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.136 W</td>
<td>0.139 W</td>
<td>0.198 W</td>
</tr>
</tbody>
</table>

#### PTEC * Typical Energy Consumption

<table>
<thead>
<tr>
<th>Power level at 100 V AC</th>
<th>Power level at 115 V AC</th>
<th>Power level at 230 V AC</th>
</tr>
</thead>
<tbody>
<tr>
<td>kWh/week</td>
<td>kWh/week</td>
<td>kWh/week</td>
</tr>
</tbody>
</table>

#### TEC * Typical Energy Consumption

<table>
<thead>
<tr>
<th>Power level at 100 V AC</th>
<th>Power level at 115 V AC</th>
<th>Power level at 230 V AC</th>
</tr>
</thead>
<tbody>
<tr>
<td>kWh/week</td>
<td>kWh/week</td>
<td>kWh/week</td>
</tr>
</tbody>
</table>
### ETEC

#### Annual Energy Consumption

<table>
<thead>
<tr>
<th>Mode</th>
<th>I3: 181.80</th>
<th>I2: 177.59</th>
<th>I1: 171.67</th>
</tr>
</thead>
<tbody>
<tr>
<td>kWh/year</td>
<td>181.40</td>
<td>171.91</td>
<td>173.91</td>
</tr>
</tbody>
</table>

\[ E_{TEC} = (8760/1000) \times (P_{off} \times 0.45 + P_{sleep} \times 0.05 + P_{ShortIdle} \times 0.35 + P_{LongIdle} \times 0.15) \]

P₉.² Information about the energy save function is provided with the product.

#### Display resolution

**1920*1080 Megapixels**

#### Print Speed

Images per minute

Default time to enter energy save mode: 25 minutes

P₉.³ The product meets the energy requirements of the following voluntary program/s:
- ENERGY STAR® version: 6.0
- Tier: Product category: Integrared Desktop Computer

### P10 Emissions

#### Noise emission – Declared according to ISO 9296

<table>
<thead>
<tr>
<th>Mode</th>
<th>Mode description</th>
<th>Declared A-weighted sound power level ( L_{WA} ) (dB)</th>
<th>Declared A-weighted sound pressure level ( L_{PA} ) (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Idle</td>
<td>HDD:Idle</td>
<td>3.7</td>
<td>25.9</td>
</tr>
<tr>
<td>Operation</td>
<td>HDD: Operating</td>
<td>3.8</td>
<td>26.2</td>
</tr>
<tr>
<td>Other mode</td>
<td>ODD operating</td>
<td>4.8</td>
<td>35.9</td>
</tr>
</tbody>
</table>

Measured according to: ISO7779, ECMA-74

Other (only if not covered by ECMA-74 with \( L_{PA} \) measurement distance \( m \))

P10.2 The product meets the acoustic noise requirements of the following voluntary program/s:

#### Chemical emissions from printing products

P10.3 Test performed according to ECMA-328 (ISO/IEC 28360) standard, other specify:

P10.4 Typical emission rate (print phase) is (mg/h):

- Dust
- Ozone
- Styrene
- Benzene
- TVOC

P10.5 Chemical emission requirements of the following voluntary program/s are met for:

- Dust
- Ozone
- Styrene
- Benzene
- TVOC

#### Electromagnetic emissions

P10.6 Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s:

#### P11 Consumable materials for printing products

P11.¹ A Safety Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3).

P11.² Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN12281.

P11.³ 2-sided (duplex) printing/copying is an integrated product function.

#### P12 Ergonomics for computing products

P12.¹ The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.

P12.² The physical input device meets the requirements of ISO 9995 and ISO 9241-410.

#### P13 Packaging and documentation

P13.¹ Product packaging material type(s): EPE weight (g): 658

P13.² Product plastic packaging is free from PVC.

P13.³ Specify media for user and product documentation (tick box):

- Electronic
- Paper

P13.⁴ For paper user and product documentation, please specify contained percentage of post-consumer recycled fiber: 80 %

#### P14 Additional information (See Note B4)

#### P9 See Energy Star Qualified Notebooks & Tablet Computers for the latest information:

http://www.energystar.gov/index.cfm?fuseaction=find_a_product.showProductGroup&pgw_code=CO
Lenovo ErP Lot3 Information Sheet  
- PC / Notebook -


**Products scope of this sheet:**
Desktop computer, integrated desktop computer, and notebook computer

This document is only valid in connection with the IT Eco Declaration of the specific Product.

<table>
<thead>
<tr>
<th>Commercial name</th>
<th>IdeaCentre B550</th>
<th>Logo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Number</td>
<td>10135, F0A6</td>
<td></td>
</tr>
<tr>
<td>Issue Date</td>
<td>2014.05.15</td>
<td></td>
</tr>
</tbody>
</table>

**P7.1.1 Product environmental attributes**

<table>
<thead>
<tr>
<th>(d)</th>
<th>year of manufacture: <em>Please see product name plate</em></th>
</tr>
</thead>
<tbody>
<tr>
<td>(e)</td>
<td><strong>E TEC value</strong> (kWh) and capability adjustments applied when all discrete graphics cards (dGfx) are disabled and if the system is tested with switchable graphics mode with UMA driving the display: <strong>223</strong></td>
</tr>
<tr>
<td>(f)</td>
<td><strong>E TEC value</strong> (kWh) and capability adjustments applied when all discrete graphics cards (dGfx) are enabled: <strong>277</strong></td>
</tr>
</tbody>
</table>
| (l)   | internal power supply efficiency at 10 %, 20 %, 50 % and 100 % of rated output power (if applicable):  
  10%: 81.57%  20%: 85.49%  50%: 87.73%  100%: 84.80%  Average: 86.01% |
| (m)   | external power supply efficiency (if applicable):  
  10%  20%  50%  100%  Average  
  or Level: |
| (o)   | the minimum number of loading cycles that the batteries can withstand (applies only to notebook computers): **NA** |
| (p-1) | the measurement methodology used to determine information mentioned in points (l) – internal PSU efficiency:  
  **Follow Energy-Star requirement if internal PSU is applicable** |
| (p-2) | the measurement methodology used to determine information mentioned in points (m) – external PSU efficiency:  
  **Follow Energy-Star requirement if external PSU is applicable** |

230 Volts AC, 50 Hz
(p-3) the measurement methodology used to determine information mentioned in points (o) – loadingcycles batteries: 

(p-4) the measurement methodology used to determine information mentioned in maximum, idle, sleep, off mode power as defined in Point P9.1 in the Product IT Eco Declaration:

Follow Energy-Star requirement

(q) sequence of steps for achieving a stable condition with respect to power demand::

Follow Energy-Star requirement

(r) description of how sleep and/or off mode was selected or programmed:

The computer will enter sleep mode automatically after no user or network activity for a period of time (it depends on power management setting).

(s) sequence of events required to reach the mode where the equipment automatically changes to sleep and/or off mode:

For Sleep Mode, the computer will enter sleep mode automatically after no user or network activity for a period of time (it depends on power management setting).
For Off Mode, user could press “Start”, and select “Shut down” in OS to allow the computer to shut off

(t) the duration of idle state condition before the computer automatically reaches sleep mode, or another condition which does not exceed the applicable power demand requirements for sleep mode (in minutes): 25

(u) the length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode (in minutes): 10

(v) the length of time before the display sleep mode is set to activate after user inactivity (in minutes): 10

(w) information on the energy-saving potential of power management functionality:

Information on the energy-saving potential of power management functionality is at the end of this form

(x) user information on how to enable the power management functionality:

Please Lenovo confirm where or which document will show user information about how to enable the power management functionality.

(y) test parameters for measurements: — test voltage in V and frequency in Hz, — total harmonic distortion of the electricity supply system, — information and documentation on the instrumentation, set-up and circuits used for electrical testing:

230 Volts AC, 50 Hz

Addition Notebook Battery Information:

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>n/a</th>
<th>This notebook computer is operated by battery/ies that cannot be accessed and replaced by a non-professional user.</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐</td>
<td>☐</td>
<td>☒</td>
<td>The battery[ies] in this product cannot be easily replaced by users themselves</td>
</tr>
</tbody>
</table>

Additional information
Energy Star Statement

ENERGY STAR® is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy aimed at saving money and protecting the environment through energy efficient products and practices.

Lenovo is proud to offer our customers products with an ENERGY STAR compliant designation. The following machine types have been designed and tested to conform to the ENERGY STAR program requirement for computers at the time of manufacture. For more information about ENERGY STAR ratings for Lenovo computers, go to http://www.lenovo.com.

- 10135/F0A6
- 10136/F0A7

By using ENERGY STAR compliant products and taking advantage of the power-management features of your computer, you reduce the consumption of electricity. Reduced electrical consumption contributes to potential financial savings, a cleaner environment, and the reduction of greenhouse gas emissions.

For more information about ENERGY STAR, go to: http://www.energystar.gov.

Lenovo encourages you to make efficient use of energy an integral part of your day-to-day operations. To help in this endeavor, Lenovo has preset the following power-management features to take effect when your computer has been inactive for a specified duration:

ENERGY STAR power-management features, by operating system:

<table>
<thead>
<tr>
<th>Microsoft Windows Vista, Windows 7, Windows 8 and Windows 8.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power plan: Balanced</td>
</tr>
<tr>
<td>• Turn off the display: After 10 minutes</td>
</tr>
<tr>
<td>• Put the computer to sleep: After 25 minutes</td>
</tr>
<tr>
<td>• Advanced power settings:</td>
</tr>
<tr>
<td>- Turn off hard disk drives: After 20 minutes</td>
</tr>
<tr>
<td>- Hibernate: Never</td>
</tr>
</tbody>
</table>

To awaken your computer from a Sleep or System Standby mode, press any key on your keyboard. For more information about these settings, refer to your Windows Help and Support information system.
## Legal references Europe Annex B

<table>
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<th>Reference</th>
<th>Declaration item</th>
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</thead>
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<td>2002/95/EC (ROHS Directive)</td>
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</tr>
<tr>
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<td>P1.6, P1.8, P4.2</td>
</tr>
<tr>
<td>REACH, Annex XVII</td>
<td>P1.4</td>
</tr>
<tr>
<td>REACH, Annex XVII</td>
<td>P1.2</td>
</tr>
<tr>
<td>REACH, Annex XVII</td>
<td>P1.7</td>
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<tr>
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<td>P1.9</td>
</tr>
<tr>
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<tr>
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</tr>
<tr>
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</tr>
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</tr>
<tr>
<td>REACH article 31, annex II</td>
<td>P4.3</td>
</tr>
<tr>
<td>2004/12/EC (Directive on packaging and packaging waste)</td>
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</tr>
<tr>
<td>(97/129/EC) (Commission Decision on Identification System for Packaging Materials)</td>
<td>P5.2</td>
</tr>
<tr>
<td>2037/2000/EC Regulation on Substances that Deplete the Ozone Layer</td>
<td>P5.3</td>
</tr>
<tr>
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<td>P3.4, P6.1</td>
</tr>
<tr>
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