

## PC Green Label Checklist (Product Examination Ver. 12)

	Product type		Point's total qty	Point's qty
<input type="checkbox"/>	Notebook	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; background-color: #d4edda;">Finalize</div> <div style="border: 1px solid black; padding: 5px;">Situation <input style="width: 100px;" type="text"/></div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="border: 1px solid black; padding: 5px; background-color: #d4edda;">Reset</div> </div>	0	0
<input type="checkbox"/>	Desktop			
<input type="checkbox"/>	Desktop (set)			
<input type="checkbox"/>	All in one			
<input type="checkbox"/>	Display			

### P-1 Environmental conscious product design and manufacturing process

Item	Optional	Mandatory	Point
<b>[1] Energy efficiency</b>			
① Design for energy saving			
a : Off mode power must be less than or equal 0.5W. (excluding power for activation by network such as Wake on LAN)			<input type="checkbox"/>
b : The LCD display has the power saving function for sensing brightness of the surrounding and automatically adjusting intensity.. (for Notebook/Display for set/All in one/Display)			<input type="checkbox"/>
② Information concerning power consumption, etc.			
a : The information provides on the catalogs, user's manuals and web site.	<input type="checkbox"/>		
b : The information provides on the product itself. (including AC adapter)	<input type="checkbox"/>		
<b>[2] Safety handling and electromagnetic noise</b>			
① Product safety follows with JIS C6950, J60950, or equivalent.		<input type="checkbox"/>	
② Electromagnetic noise level comply with the technical requirements specified by VCCI Council.		<input type="checkbox"/>	
<b>[3] Chemicals that could have a negative impact on health and/or the environment</b>			
① The PC is designed to comply with Japanese laws/regulations and managed the chemical substances based on the "Guidelines for the Management of Chemical Substances in Product, (JIG-101)"etc.		<input type="checkbox"/>	
② Carcinogen for Plastics parts weighting more than 25g			
a : Plastics parts do not contain intentionally added chemicals classified as carcinogens (groups 1 and 2A) by IARC.	<input type="checkbox"/>		
b : Plastics parts do not contain flame retardant substances/preparations above 0.1% classified as R40/45/46/48, R50/51/53 and R60/61.	<input type="checkbox"/>		
③ The substances regulated by Ozone Layer Protection Law are not be used for the components, the consumables, the maintenance parts etc.		<input type="checkbox"/>	
④ Specific chemical substance for product (Lead, cadmium, hexavalent chromium, mercury, PBB, PBDE)			
a : The product complies with Japanese J-Moss green mark.	<input type="checkbox"/>		
b : The product complies with EU-RoHS.	<input type="checkbox"/>		
⑤ Parts with direct and prolonged skin contact do not contain nickel.		<input type="checkbox"/>	
⑥ The products does not contain asbestos.		<input type="checkbox"/>	
⑦ The products does not contain polychlorinated biphenyl (PCB) and polychlorinated terphenyl (PCT).		<input type="checkbox"/>	
⑧ The products does not contain short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine.		<input type="checkbox"/>	
⑨ Halogen for Product			

a	Plastics parts weighting more than 25g are free from halogen. (excluding unit)			<input type="checkbox"/>
b	Printed circuit boards weighting more than 25g are free from halogen. (excluding component and unit)			<input type="checkbox"/>
⑩	Mercury for back-light of LCD Display			
a	The back-light is mercury free.(LED etc. are used)			<input type="checkbox"/>
b	The amount of mercury used in back-light is less than 5mg/light.	<input type="checkbox"/>		
c	The product does not use back-light.(for Desktop)	<input type="checkbox"/>		
⑪	Chemical substance for Battery			
a	The chemical substances contained in battery are less than reference percentage content. Excluding button battery: Cadmium 0.002wt%, Mercury 0.0005wt% Button battery: Cadmium 0.002wt%, Mercury 2wt%	<input type="checkbox"/>		
b	The product does not use the battery.	<input type="checkbox"/>		
⑬	The emission rate of specific organic compounds must be less than the criteria on the JEITA "VOC Emission Rate Specification for Personal Computers". (30-inch or larger displays are not applied)	Compliant		<input type="checkbox"/>
		Under measurement		<input type="checkbox"/>
		Not applied		<input type="checkbox"/>
⑭	Chemical substance for packaging			
a	Halogenated organic-compounds are not added to plastics used for packaging.		<input type="checkbox"/>	
b	The sum of percentage content of lead, cadmium, hexavalent chromium, and mercury present in packaging or packaging components is not be exceed 100ppm by weight.		<input type="checkbox"/>	
⑮	User's manuals do not use chlorine bleached paper.			<input type="checkbox"/>
[4]	LCA			
①	Life Cycle Assessment is being conducted.			<input type="checkbox"/>

## P-2 3R conscious Design and Manufacturing

Item	Optional	Mandatory	Point
[1] Design for 'REDUCE'			
① Material reduction for product			
a Reduction of part's quantities and material's thickness are considered. (e.g. Metals, Plastics, Printed circuit boards)	<input type="checkbox"/>		
b Recycled plastic is used.	Casing Parts		<input type="checkbox"/> <input type="checkbox"/>
c Bio plastic is used for material reduction.	<input type="checkbox"/>		
② Longer life for product (1) : PC			
a Units and parts can be added or changed to enhance performance.	<input type="checkbox"/>		
b The product can be connected with peripherals.	<input type="checkbox"/>		
c The product can be upgraded with commonly available tools.	<input type="checkbox"/>		
③ Longer life for product (2) : All products			
a Ease of repair and maintenance is considered.	<input type="checkbox"/>		
b Use of longer life materials/parts are considered.	<input type="checkbox"/>		
[2] Design for 'REUSE'			
① Reusability of units/parts built in the product (e.g. HDD, FDD, Display, ODD, Memory, CPU, FAN, etc.)			
a The product uses reusable units and parts.		<input type="checkbox"/>	
b Display or display for set is not applied.		<input type="checkbox"/>	
② Dismantle of reusable parts/units			
a The product configuration enable reusable parts is easily removed.		<input type="checkbox"/>	
b Display or display for set is not applied.		<input type="checkbox"/>	
③ Manufacturing date of reusable parts			
a The life (MTBF) of units and parts are known clearly.	<input type="checkbox"/>		

b	The manufactured date of units and parts are clearly known.	<input type="checkbox"/>		
c	Display or display for set is not applied.	<input type="checkbox"/>		

**[3] Design for 'RECYCLE'**

① Materials and processing				
a	The metallic parts materials are uniformed without influence to function.	<input type="checkbox"/>		
b	Plastics parts weighting more than 25g avoids surface finish of metal plating.			<input type="checkbox"/>
c	Plastics parts weighting more than 25g avoids surface finish of painting, resin coating and UV coating.			<input type="checkbox"/>
d	The recyclable plastics are adopted.	<input type="checkbox"/>		
② Plastics parts weighting more than 25g are considered to minimize number of materials as much as possible without influence to function.				
③ Plastic parts weighting more than 25g are provided with the marking in accordance with "JIS K6899/K6999" and/or "ISO1043/11469 for ease of sorting".				
④ Disassembly and separation				
a	The product is configured to facilitate disassembly and separated so that recyclable materials and parts can be separated for recycling. The product is configured so that heterogeneous materials can be easily separated from each other.	<input type="checkbox"/>		
b	The product is configured so that separable members of materials and parts that inhibit recycling can be easily detected.	<input type="checkbox"/>		
c	Total man-hours required for disassembly / separation are reduced by controlling the use of general tools, work in the same direction, the numbers of parts / screws, etc.	<input type="checkbox"/>		
⑤ Rechargeable batteries (Battery pack)				
a	The product does not use the rechargeable batteries.			<input type="checkbox"/>
b	Rechargeable batteries are provided with the marking in compliance with the Law for Promotion of Effective Utilization of Resources for battery type.			<input type="checkbox"/>
c	Batteries can be removed easily from the product.			<input type="checkbox"/>
⑥ The product can be handled and transported easily when taking back.				

**[4] REDUCE' and 'RECYCLE' for user's manuals and packaging materials**

① Reduce for user's manuals				
a	Volume and weight reduction of user's manuals are considered.	<input type="checkbox"/>		
b	User's manuals are printed on recycled paper or paper used virgin pulp considering environment.	<input type="checkbox"/>		
c	Electronic manual and/or web manual are used for material reduction.	<input type="checkbox"/>		
② Reduce for packaging materials				
a	Volume and weight reduction of packaging materials are considered.	<input type="checkbox"/>		
b	Recycled plastic materials, Bio plastic materials, or recycled paper for packaging are used for material reduction.	<input type="checkbox"/>		
③ Recycle for packaging materials				
a	Packaging is designed to use recyclable materials such as cardboard and Styrofoam. Also; it is designed to separate easily by material.			<input type="checkbox"/>
b	Paper and plastic packaging/wrapping materials are provided with the marking in compliance with the Law for Promotion of Effective Utilization of Resources.			<input type="checkbox"/>
④ Used packaging is convenient for collection and transportation.				

# 環境配慮型製品情報 (Ver. 12)



情報更新日(西暦、年月日) Information update date	
メーカー名 Company name	
製品タイプ Product type	
対象ユーザー User targeted	<input type="checkbox"/> 個人 Home <input type="checkbox"/> 法人 Office <input type="checkbox"/> 個人/法人 Home/Office
シリーズ名 Series name	
型名(型番) Model name (Model number)	
発売時期(西暦、年月) Product release date	
製品アピール(3行以内) Selling points of the product	
PCグリーンラベル適合製品 Web site for PC green label conforming products	
お問い合わせ Enquiry	

本製品の環境性能は		<格付け基準> ★ 加点項目35%未満 ★★ 加点項目35%以上70%未満 ★★★ 加点項目70%以上+1,6項必須
項	環境性能加点項目	対応状況
1	オフモード時の消費電力は0.5W以下である	
2	液晶ディスプレイは周囲の明るさを感知して輝度を自動調整する省電力機能を保有している	
3	25g以上のプラスチック部品はハロゲンフリーである(ユニット除く)	
4	25g以上のプリント基板はハロゲンフリーである(コンポーネント及びユニット除く)	
5	液晶ディスプレイのバックライトには水銀を使用していない(LEDなどを使用している)	
6	VOC(揮発性有機化合物)等の放散量はJEITAの「PCに関するVOC放散速度指針値」に定める指針値以下である(30型以上のディスプレイは対象外)	
7	マニュアルには塩素漂白紙を使用していない	
8	LCA(ライフサイクルアセスメント)を実施している	
9	再生プラスチックを使用している(使用箇所: )	
10	25g以上のプラスチック部品は金属メッキの表面処理を回避している	
11	25g以上のプラスチック部品は塗装類の表面処理を回避している	

- 本製品はPCグリーンラベル基準(企業審査Ver. 6及び製品審査Ver. 12)に適合しています。
- 本製品は…に対応しています
- ハロゲンは臭素と塩素を対象としています。
- VOCは代表機種で測定、LCAは代表機種で実施しています。
- PCグリーンラベル基準の詳細については、<http://www.pc3r.jp/greenlabel/index.html> をご覧ください。



Information update date	
Company name	
Product type	
User targeted	<input type="checkbox"/> Home <input type="checkbox"/> Office <input type="checkbox"/> Home/Office
Series name	
Model name (Model number)	
Product release date	
Selling points of the product	
Web site for PC green label conforming products	
Enquiry	

The environmental performance of this product is		<Rating standard> ★ Rating < 35% ★★ Rating ≥ 35% ★★★ Rating ≥ 70% + No.1 and 6
No.	Item to evaluate	Conformance
1	Off mode power must be less than or equal 0.5W.	
2	The LCD display has the power saving function for sensing brightness of the surrounding and automatically adjusting intensity.	
3	Plastics parts weighting more than 25g are free from halogen. (excluding unit)	
4	Printed circuit boards weighting more than 25g are free from halogen. (excluding component and unit)	
5	The back-light of LCD Display is mercury free.(LED etc. are used)	
6	The emission rate of VOC must be less than the criteria on the JEITA "VOC Emission Rate Specification for Personal Computers" (30-inch or larger displays are not applied)	
7	User's manuals do not use chlorine bleached paper.	
8	Life Cycle Assessment is being conducted.	
9	Recycled plastic is used.(      )	
10	Plastics parts weighting more than 25g avoids surface finish of metal plating.	
11	Plastics parts weighting more than 25g avoids surface finish of paintings.	

- This product complies with PC Green Label (Company Examination Ver. 6 and Product Examination Ver. 12).
- This product
- Chlorine and bromine are applicable for halogen.
- VOC is being measured in representative model and LCA is being conducted in representative model.
- For the requirements of PC Green Label, please see at <http://www.pc3r.jp/e/greenlabel/index.html>