

## Annex B2 - Product environmental attributes Computers and computer monitors

The declaration may be published only when all rows and/or fields marked with \* are filled-in (n.a. for not applicable). Additional information regarding each item may be found under P15.

Brand *	Stone	Logo
Company name *	Stone Group	
Contact information * e-mail address	Sustainability & Compliance Team sustainability@stonegroup.co.uk	slone
Internet site *	www.stonegroup.co.uk	
Additional information		

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.					
Type of product *	Workstation				
Commercial name *	Stone Workstation Expert				
Model number *	W580w13M32S1dG				
Issue date *	17/2/2022				
Intended market *	🗌 Global 📃 Europe 📃 Asia, Pacific & Japan 🗌 Americas 🔀 Other United Kingdom				
Additional information					

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

## About Annex B2

Annex B2 reflects Product environmental attributes relevant for Computers and Computer Monitors. The following items from the ECMA-370 Main body are not shown in the template:

P4.1 – P4.3 Consumable materials

P9.1 TEC and Print speed

P10.2 - P10.3 Chemical emissions from printing products

P11.1 - P11.3 Consumable materials for printing products

Model number *	W580w13M32S1dG	Logo
Issue date *	17/2/2022	slone

Product	roduct environmental attributes - Legal requirements					
ltem		Yes	No	n.a.		
P1	Hazardous substances and preparations					
P1.1*	Products do comply with current European RoHS Directive. (See legal reference and NOTE B1)	$\square$				
P1.2*	Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value.	$\boxtimes$				
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1- trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.					
P1.4*	Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated terphenyl (PCT) in preparations (see legal reference).	$\boxtimes$				
P1.5*	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 (see legal reference).					
P1.6*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 μg/cm <sup>2</sup> /week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:2011-5.			$\square$		
P1.7*	REACH Article 33 information about substances in articles is available at (add URL or mail contact):			$\boxtimes$		
P2	Batteries					
P2.1*	If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference)	$\boxtimes$				
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference)	$\boxtimes$				
P2.3*	Batteries and accumulators are readily removable. (See legal reference)	$\square$				
P2.4*	Documentation includes the number of cycles the (secondary) battery can withstand. (See legal reference)		Ē			
P2.5*	When internal batteries of a notebook computer cannot be "accessed and replaced by a nonprofessional user", the related text is present and legible on the external packaging (see legal reference)					
P3	Conformity verification & Eco design (ErP)					
P3.1*	The product is CE-marked to show conformance with applicable legal requirements (see legal reference). The Declaration of Conformity can be requested at (add link or e-mail address): sustainability@stonegroup.co.uk					
P3.2*	The product complies with the applicable Eco design requirements for energy-related products, (see legal reference).	$\boxtimes$				
	Required information is; available at (add URL):	$\boxtimes$				
P5	Product packaging					
P5.1*	Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium and hexavalent chromium by weight of these together.					
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s used (see legal reference).	)				
P5.3*	Used (see legal reference).         The product packaging material is free from ozone depleting substances as specified in the Montreal         Protocol (see legal reference).         Comment: Legal reference has no maximum concentration values.					
P6	Treatment information					
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	$\square$				

NOTE B1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %. Stating "Yes" means that the product is compliant with the mandatory requirements.

Model number * Issue date *		W580w13M32S1dG	Logo			
		17/2/2022		slone		
	- Enviro	mental attributes - Market requirements (See General NOTE GN below onmental conscious design	)	Requir		met
Item		tory to fill in. Additional information regarding each item may be found under P14.		Yes	No	n.a.
P7	Design	mbly, recycling				
P7.1*		at have to be treated separately are easily separable				
P7.2*		naterials in covers/housing have no surface coating.				
P7.3*		arts > 100 g consist of one material or of easily separable materials.			<del>- H</del> -	<del>  </del>  -
P7.4*	•	arts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.				+
P7.5			vailable te		<u> </u>	<u> </u>
P7.6*	-	arts are free from metal inlays or have inlays that can be removed with commonly a			<u> </u>	<u> </u>
P7.6		re easily separable. (This requirement does not apply to safety/regulatory labels).				
P7.7*		lifetime ng can be done e.g. with processor, memory, cards or drives				
P7.8*	10	ng can be done using commonly available tools			<u> </u>	<u> </u>
-	10			$\boxtimes$		<u> </u>
P7.9		arts are available after end of production for: 5 years				<u> </u>
P7.10		s available after end of production for: 5 years				
		and substance requirements				
P7.11*		cover/housing material type (e.g. plastics, metal, aluminum): type: ABS Material type: SGCC Material	l type:			
P7.12		n materials of external electrical cables are PVC free.	rtype.			
P7.13		n materials of internal electrical cables are PVC free.			<u> </u>	<u> </u>
P7.14		plastic casing/cover parts > 25 g contain no more than $0,1\%$ weight (1000 ppm) bro	mine and	0.1%	- #	++-
	weight ( polyviny	1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame ret chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine ng more than 25% post-consumer recycled content.	ardants, a			
P7.15		ircuit boards, PCBs (without components) are low halogen: all $\square$ PCBs > 25 g $\square$ as defined in IEC 61249-2-21. (See <sup>5</sup> NOTE B2)	are low			
P7.16		tarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4:				
P7.17		nemical specifications of flame retardants in printed circuit boards > 25 g (without co additive) , TBBPA (reactive) (See NOTE B3), Other; chemical name:	mponents , CAS #:	s):		
		nemical specifications of flame retardants in printed circuit boards (without compone g ISO 1043-4:	nts) > 25	g		
P7.18	concenti 1. Chem 2. Chem	ame retarded plastic parts > 25 g contain the following flame retardant substances/p rations above 0,1%: ical name: , CAS #: (See NOTE B4) ical name: , CAS #: " ical name: , CAS #: "	preparation	ns in		
	Alt, 2: C	nemical specifications of flame retardants in plastic parts > 25 g according ISO 1043	-4:			
P7.19	In plastic	parts > 25 g, flame retardant substances/preparations above 0,1% are used which the following Risk phrases; and Hazard statements:		n		
	The sou	rce(s) for these classifications is/are found at (add URL(s)):	OTE B5)			

NOTE B3 and B4 A Guidance document on Chemical substances is available; see <a href="http://www.ecma-international.org/publications/standards/Ecma-370.htm">http://www.ecma-international.org/publications/standards/Ecma-370.htm</a>.

GENERAL NOTE Standard references should direct to the latest version of a standard. If an older version of a standard is used, section P15 shall be used for explanation.

NOTE B2 IEC 61249-2-21 defines maximum limits of 900 ppm for each of the substances chlorine and bromine and a maximum limit of 1500ppm of these substances combined. The standard does not address fluorine, iodine and astatine which are included in the group of halogens.

NOTE B5 If a certain substance has been assigned a certain risk phrases / hazard statement in the referenced source, this does not necessarily mean the substance has been tested for all of the hazards referred to by a certain customer.

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Product	t environmental att	ributes - Market re	equirements (conti	nued)		Require	ment me	
Item						Yes N	lo n.a.	
	Material and subst	ance requirements	(continued)					
P7.20*	Postconsumer recyc	cled plastic material c	ontent is used in the p	roduct (See NOTE B	5):			
	a) Of total plastic percentage of	<ul> <li>If YES; at least one of the two alternatives below shall be answered;</li> <li>a) Of total plastic parts' weight &gt; 25 g, the postconsumer recycled plastic material content (calculated as percentage of total plastic by weight) is %.</li> <li>or</li> </ul>						
		recycled material is	a					
P7.21*			g. in the product (See N	OTE B7):				
	<ul> <li>a) Of total plastic of total plastic or</li> </ul>	parts' weight > 25 g by weight) is %			ulated as a percentage			
D7 00*		the biobased plastic r						
P7.22*	If mercury is used s	pecify: Number of lan	less than 0,1 mg/lamp	um mercury content	per lamp: mg			
P7.23*	If product includes a	an integral display, the	e total mercury conten	t in the integrated disp	olay: mg			
P8	Batteries							
P8.1*	Battery chemical co	mposition: Lithium N	langanese Dioxide (C	CR2023)				
P9	Energy consumpti	on (See NOTE B8)						
P9.1	For the product the	following power level	s or energy consumpti	ons are reported:				
Energy m	node *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference/Standard for modes and test methods			
ErP Lot 3	- Category D							
	tar 7.1 Category D2							
Short Idle	e – WOL Enabled			<b>29.44</b> W	ErP Lot 3 & equivale Energy Star® 7.1	nt to		
Long Idle	- WOL Enabled			<b>28.81</b> W	Equivalent to Energy	y Star® 7.	1	
Sleep – V	VOL Enabled			3.79 W	ErP Lot 3 & equivale Energy Star® 7.1	ent to		
Off – WO	L Enabled			<b>2.93</b> W	ErP Lot 3 & equivale Energy Star® 7.1	nt to		
Max Pow	er			258.46 W	ErP Lot 3			
Lowest P	ower Mode			0.04 W	ErP Lot 3			
charger p	power supply / olugged in the wall disconnected from							
PTEC *	nergy Consumption							
ETEC * Annual E	nergy Consumption			130.63 kWh/year	Equivalent to Energy Network Connectivity Capability		1	

NOTE B6 Applies to a product containing plastic parts whose combined weight exceeds 100 g with the exception of printed circuit boards, cables, connectors and electronic components and bio-based plastic material.

NOTE B7 The following is to be excluded from the calculation of percentage: printed circuit boards, labels, cables, connectors and electronic components and postconsumer recycled plastic

NOTE B8 A Guidance document on Energy Efficiency is available;

see http://www.ecma-international.org/publications/standards/Ecma-370.htm.

ETEC 11 Annual Energy Consumption	8.93 kWh/year	ErP Lot 3	
External Power Supply Efficiency Level (International Efficiency Marking Protoc	ol) * :		
Display resolution * : megapixels		$\square$	
Default time to enter energy save mode: 30 minutes			
P9.2* Information about the energy save function is provided with the prod			
P9.3 Energy efficiency class (monitors only):			

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Product	environmental a	attributes – Market requirements	(continued)		Require	ement	t me	
ltem					Yes	No	n.	
P10	Emissions							
	Noise emission	- Declared according to ISO 9296 (See						
P10.1	Mode	Mode description	Declared	A-weighted sound pressure lev	vel (dB), L <sub>pAi</sub>	т		
	Idle	* Fans on, system idle	* 32.6					
	Operation	* Fans on, Active load on CPU/GPU/I	RAM * 33.3					
	Other mode							
	Measured accord		vered by ECMA-74	)				
	Electromagnetic	c emissions						
P10.4	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program(s):							
P12	Ergonomics for	computing products						
P12.1*	The display meet	he display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.						
P12.2*	The physical inpu	at device meets the requirements of ISO	9995 and ISO 92	41-410.				
P13	Packaging and							
P13.1*	Product packagir Product packagir	ng material type(s): PAPER/Corrugated ng material type(s): PLASTIC/Polystyre ng material type(s): PLASTIC/Polyethyl	ene wei	ght (kg): <i>0.810</i> ght (kg): <i>0.180</i> ght (kg): <i>0.080</i>				
P13.2*	Product plastic p	rimary packaging is free from PVC.				$\square$		
P13.3*		ary corrugated fiberboard packaging, sp ered fiber content: <b>0</b> %	ecify the contained	d percentage of minimum post-				
P13.4*	Specify media for user and product documentation (tick box):							
P13.5		plete this item if paper documentation u t documentation on paper media is chlor ecify:						
	Totally chlorine-fi							
	Elemental chlorir	ne-free						
	Processed chlori	ne-free						
P14	Voluntary progr	ams						
P14.1	The product mee	ts the requirements of the following volu	untary program(s):					
			Dete	Desident and an en				
	ENERGY STAR® Eco-label:	Criteria version: Criteria version:	Date: Date:	Product category: Product category:				
	Eco-label:	Criteria version:	Date:	Product category:				
	200 10001.		Dato.	r roador oatogory.				
P15	Additional infor	mation (See NOTE B10)						
P5.2		ackaging carries recyclable and recy		saging.				
		orrugated packaging does not requir	e markings.					
P9	Other internal packaging carries markings. Energy consumption of specific configuration may vary; description of the tested product configuration:							
Do		t, W580, W-1370, 32GB RAM, 500GB						
P9 P9		onfigurations may result in a tradeoff			wonbigel			
-	where the progr					<u> </u>		
All Sections	information con All information	no representations, guarantees, assinations in this document, which may opprovided by supplier in this document supplier shall have no obligation to	contain typograp It is provided bas	hical errors and technical inac ed on supplier's knowledge a	ccuracies.			
All		r trademarks is for reference only.						

NOTE B9 A Guidance document on Acoustic Noise is available;

see http://www.ecma-international.org/publications/standards/Ecma-370.htm.

NOTE B10 Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.

		Lot 3 – N				
Manufacturer product information						
(a)	Product type	Workstation	(a)	Category		
(b)	Manufacturer's name	Stone Group	(c)	Manufacturer's address	Granite one hundred, Acton gate, Staffor ST189AA	
(d)	Product model number	W580w13M32S1dG	(d)	Year of manufacture	2021	
(e)	Etec value (kWh) with dGFX disabled/not present	Not applicable	(f)	Etec value (kWh) with dGFX enabled	118.93	
(g)	Idle power (W)	29.44	(h)	Sleep power, WOL disabled (W)		
(i)	Sleep power, WOL enabled (W)	3.79	(j)	Off power, WOL disabled (W)		
(k)	Off power, WOL enabled (W)	2.93	(I)	Internal PSU efficiency at 10% / 20% / 50% / 100%	82.7% / 87.1% / 90.8% / 89.5% at 115VAC	
(m)	External PSU average active efficiency	NA	(n)	Noise level (A- weighted)	Idle: 32.6 Active: 33.3 Declared A-weighted sound pressure let (dB), L <sub>pAm</sub>	
(0)	Minimum number of loading cycles batteries can withstand (notebooks only)	NA	(p)	Measurement methodology used:	<ul> <li>(e) to (k) IEC 62623 Edition 1.0 2012-10 Desktop and notebook computers - Measurement of energy consumption</li> <li>(I) Generalised Test Protocol for Calculating the Energy Efficiency of Internal Ac-Dc and Dc-Dc Power Supplie Revision 6.6 (April, 2012)</li> <li>(n) ISO 7779:2010 – Measurement of airborne noise emitted by information technology and telecommunications equipment.</li> </ul>	
(q)	Sequence of steps for achieving a stable condition with respect to power demand	Refer to EC 62623 Edition 1.0 2012-10 - Desktop and notebook computers - Measurement of energy consumption. For test sequence of specific modes, refer to the Test Setup section of the EC 62623 Edition 1.0 2012-10.	(r)	Description of how Sleep and/or Off was selected or programmed	Inbuilt operating system pow management features are pre-set to ta advantage of hardware ACPI support. F Document 2, Section 1.	
(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 must be left alone (no user or network activity) for a period of time (up to 30 minutes). For Off Mode, the PC must be shut off through use of the Operating System Software (Press "Start", and select "Shut down) to allow the computer to shut off.	(t)	Time in idle before going to sleep mode	30 minutes	
(u)	Time to power mode less demanding than sleep	15 minutes after sleep mode activates	(v)	Default time to display sleep mode	10 minutes after the system becomes in or the last user input	
(w)	User information on power management	Ref Document 2, Sections 1, 2 & 3, user manual and website.	(x)	User information on how to access power management	Ref Document 2, Sections 1, 2 & 3, us manual and website.	
(y)	Content of mercury in integrated displays (mg)	NA	(z)	Test parameters, Voltage (V)	Energy Efficiency testing is performed w an AC input of 230 (± 1%) Volts AC, 50 I (± 1%). Test information including requir instrumentation, setup etc. for Compute is detailed in EC 62623 Edition 1.0 201 10 - Desktop and notebook computers Measurement of energy consumption. Test information including requir instrumentation, setup etc. for Interr Power Supplies is detailed in Generaliz Test Protocol for Calculating the Ener Efficiency of Internal Ac-Dc and Dc- Power Supplies Revision 6.6 (April, 2012 Test information including requir instrumentation, setup etc. for Exterr Power Supplies is detailed in ): E 50563:2011 - External a.c d.c. and a.c. a.c. power and average efficiency active modes.	

## Legal references Europe Annex B2

Reference	Declaration item
Directive 2011/65/EU (RoHS Directive)* * Specific exemptions apply for certain products and applications.	P1.1, P3.1
Regulation (EC) 1907/2006 (REACH Regulation), annex XVII	P1.2, P1.4, P1.6, P1.7
Regulation (EC) 2037/2000, 2038/2000, 2039/2000 (Marketing and use of Ozone layer depleting substances)	P1.3, P5.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
Directive 2006/66/EC (Battery and accumulators Directive), as amended.* * These provisions shall not apply where, for safety, performance, medical or data integrity reasons, continuity of power supply is necessary and requires a permanent connection between the appliance and the battery or accumulator.	P2.1, P2.2, P2,3, P8.1
Directive 2014/35/EU (Low Voltage Directive)	P3.1
Directive 2014/30/EU (EMC Directive)	P3.1
Directive 2014/53/EU (RE Directive)	P3.1
Regulation (EC) 801/2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions	P3.1, P3.2
Commission Regulation (EC) No 278/2009 of 6 April 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for no-load condition electric power demand and average active efficiency of external power supplies	P3.1, P3.2, P9.1
COMMISSION REGULATION (EU) No 617/2013 of 26 June 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for computers and computer servers	P2.4, P2.5, P3.1, P3.2, P7.23, P9.1
Regulation (EC) No 1272/2008 (CLP Regulation)	P7.19
Directive 2004/12/EC (Packaging Directive)	P5.1
Decision 97/129/EC (Secondary packaging legislation)	P5.2
Directive 2012/19/EU (WEEE directive)	P6.1
Implementing Regulation (EU) 2019/290 establishing the format for registration and reporting of producers of electrical and electronic equipment to the register.	
Commission Implementing Regulation 2017/699 establishing a common methodology for the calculation of the weight of electrical and electronic equipment (EEE) placed on the national market in each Member State and a common methodology for the calculation of the quantity of waste electrical and electronic equipment (WEEE) generated by weight in each Member State.	