SUBJECT: Product Environmental Information Declaration

DATE OF DECLARATION: 2023, January 11

Regulatory Reference:	Commission Regulation (EU) No. 617/2013 of June 26, 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for computers .			
Product Type:	Desktop Computer			
Manufacturer's Name:	Univertia S.L. Contact: soporte@univertia.es for questions			
Product Model Number:	TECHcomputer SFF AMD Series			
Year of Manufacture:	2022			
Product Category:	Category A	Category B	Category C	Category D
Memory over base (GB)				12
Additional internal storage				Not Applicable
Discrete television tuner				Not Applicable
Discrete audio card				Not Applicable
Discrete graphics card (s) (number / #)				Not Applicable
ETEC (KWh/año) – dGfx disabled All discrete graphics cards (dGfx) are disable. UMA is active for switchable graphics. Product has no graphics cards (dGfx)				111,824
ETEC (KWh/año) – dGfx enabled All discrete graphics cards (dGfx) are enabled				N/A
ETEC_MAX (KWh/año) Measured according to ENERGY STAR test method for computers, rev. 7.1				165,80
Energy Star 7.1 test result **ETEC < ETEC_MAX**				Pass
Short Idle state power demand (watts)				37,043
Long Idle state power demand (watts)				17,235
Sleep mode power demand (watts)				1,3610
Off mode power demand (watts)				0,8910

NOISE EMISSIONS		
MODE	LpAm (Dba)	Lwad (BA)
Idle	<27 dBA	<4,0 BA
disk access	<30 dBA	<3,9 BA
Measured according to	ECMA-74 11th edition (December 2010) Measurement of Airborne Noise emitted by Information Technology and Telecommunications Equipment And ECMA-109 2nd edition (December 1987) Declared Noise Emission Values of Computer and Business Equipment	

INTERNAL POWER SUPPLY EFFICIENCY					
TC part number	10 % load	20 % load	50 % load	100 % load	Average
MATX300	76,56 %	82,87 %	86,00 %	83,38 %	84,08 %
APB550	----	84,1 %	85,95 %	82,72 %	85%

Test voltage (V) and frequency(Hz)	230 V, 50 Hz
Total harmonic distortion of the electricity supply system	< 1%
Measurement methodology used to determine information mentioned in internal PSU efficiency:	Details for internal power supply test setup and conduct are as specified in Generalized Test Protocol for Calculating the Energy Efficiency of Internal Ac-Dc and Dc-Dc Power Supplies Revision 6.6 (April, 2012)
Measurement methodology used to determine information mentioned in idle, sleep and off mode power:	ENERGY STAR test method for computers, rev. 7.1
Sequence of steps for achieving a stable condition with respect to power demand:	Power on -> wait 5 minutes -> stable condition
Description of how sleep and/or off mode was selected or programmed:	Start menu -> power -> select sleep or off mode
Sequence of events required to reach the mode where the equipment automatically changes to sleep and/or off mode:	Control panel -> power options -> change settings -> choose or change an energy plan
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)	30
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)	N/A
Length of time before the display sleep mode is set to activate after user inactivity (in minutes)	15
Information on the energy-saving potential of power management functionality:	Based on electronic documentation of ENERGY STAR program, in http://www.energystar.gov/powermanagement
User information on how to enable the power management functionality:	Based on user manual