



Technical Documentation for EU regulation 2019/424 for Servers and Data Storage Products from (ErP) Directive 2009/125/EC EcoDesign Requirements for Energy Related Products

Oracle America Inc.
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|---|---|
| Product Type | Resilient Server |
| Name/Address of Manufacturer | Oracle America Inc... |
| Product Model Number | Netra S7-2 Server, all models as defined in the DoC |
| Compliance Model Number | |
| Year of Manufacture | 2016 |
| PSU Efficiency | 10% Load: 92.47% 20% Load: 95.25% 50% Load: 96.15% 100% Load: 95.14% |
| Power Factor at 50% load | 0.99 |
| Power Supply rated power output | 1200W |
| Idle State Power | Tested single configuration: Netra S7-2 1 Socket, 4x 16GB DIMMS, 1x HDD, 1 SAS PCIE Card, 2x AC PSUs. 164.4 Watts @ 24 DegC |
| Maximum Measured Power | http://www.oracle.com/us/products/servers-storage/sun-power-calculators/index.html |
| Declared Operating Condition Class | A4 |
| Idle power consumption at high boundary of declared operating condition | Tested single configuration: Netra S7-2 1 Socket, 4x 16GB DIMMS, 1x HDD, 1 SAS PCIE Card, 2x AC PSUs. 180.5 Watts @ 45 DegC |
| Products disassembly for service | Oracle products are designed to be readily disassembled for Service. See product Service Manual for details. |
| Content of Cobalt in batteries and Neodymium in HDDs | Cobalt weight is less than 5g Neodymium Content HDDs with a capacity of 1.2G, 8TB and 10TB fall within 5g & 25g HDDs with a capacity of 14TB are less than 5g. |



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Secure deletion functionality

See Note 1

Note 1:

Oracle provides as a part of its Operating System (Oracle Linux, and Solaris) an interface to send commands to attached storage devices. This interface permits issuing commands to trigger secure data deletion

All Oracle storage devices respond to the Operating system commands in any one of the following ways, to comply with the 'secure data deletion' requirement.

1. Overwriting all User blocks of data using write commands
2. Sanitize command - removing reference to User data blocks
3. Key deletion command- Changing encryption keys

In cases where Overwrite of the specific block is either not possible or not supported, Sanitize & key deletion will be used to accomplish the secure deletion intent of the regulation.