# Product Environmental Information Declaration Form for EU COMMISSION REGULATION No 2019/424

## SUBJECT: Product Environmental Information Declaration

## DATE OF DECLARATION: 2022, November 10

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| **Regulatory Reference:** | COMMISSION REGULATION (EU) 2019/424 of 15 March 2019 laying down ecodesign requirements for servers and data storage products pursuant to Directive 2009/125/EC of the European Parliament and of the Council and amending Commission Regulation (EU) No 617/2013 |
| **Product Type:** | Computer Server |
| **Manufacturer's Name:** | Hewlett Packard Enterprise<br>1701 E Mossy Oaks Road<br>Spring, TX 77389-1913<br>United States of America<br>Contact: sustainability@hpe.com for questions |
| **Product Model Number:** | Product Model: HPE ProLiant DL365 Gen11<br>RMN: TPS-W026 |
| **Year of Manufacture:** | 2022 |
| **Product Category:** | Server |

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**Number 1.1.1 and 1.1.2**

Internal Power Supply efficiency and Power Factor.

| Power Supplies | Internal Power Supply Efficiency at 230 VAC | | | | | |
|---|---|---|---|---|---|---|
| | HPE P/S part number | 10% load | 20% load | 50% load | 100% load | PF @50% Load |
| HPE 1800W-2200W FS Ti Ht Plg PS Kit | P44716-201 | 93,88 | 95,63 | 96,23 | 94,70 | 0,990 |
| HPE 1000W FS Ti Ht Plg PS Kit | P03160-201 | 92,17 | 94,79 | 96,18 | 95,41 | 0,990 |
| HPE 1600W FS Plat Ht Plg LH Pwr Sply Kit | 830270-202 | 89,42 | 92,59 | 94,28 | 92,89 | 1,000 |
| HPE 1600W FS Plat Ht Plg LH Pwr Sply Kit | 830270-302 | 90,53 | 93,76 | 94,97 | 93,09 | 0.990 |
| HPE 800W FS Plat Ht Plg LH Pwr Sply Kit | 865412-102 | 89,12 | 93,06 | 94,39 | 92,93 | 1,000 |
| HPE 800W FS Plat Ht Plg LH Pwr Sply Kit | 865412-202 | 90,77 | 93,24 | 94,60 | 92,78 | 1,000 |
| HPE 800W FS Plat Ht Plg LH Pwr Sply Kit | 865412-502 | 89,33 | 93,02 | 94,43 | 92,81 | 0,990 |

**Number 1.2.3 - Firmware**

1.2.3 From 1 March 2021, the latest available version of the firmware shall be made available from two years after the placing on the market of the first product of a certain product model for a minimum period of eight years after the placing on the market of the last product of a certain product model, free of charge or at a fair, transparent and non-discriminatory cost. The latest available security update to the firmware shall be made available from the time a product model is placed on the market until at least eight years after the placing on the market of the last product of a certain product model, free of charge.

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| a) Firmware and security update availability | Specific security issues, resolved in firmware, are identified in the documentation that accompanies the release of each firmware revision.<br>HPE product support, and firmware, are available from the HPE Support Center.<br><br>More information on HPE Product Security and Vulnerability Alerts |

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**Number 2 SPECIFIC ECODESIGN REQUIREMENTS ONLY FOR SERVERS WITH ONE OR TWO PROCESSOR SOCKETS**
**2.0. Lot 9- SERT Test Results**
**2.1. Idle state power**
**2.2. Active state efficiency**

SERT Test Results

| Product & Configuration | Power Efficiency | | | | | | |
|---|---|---|---|---|---|---|---|
| HPE ProLiant DL365 Gen11 2-4 socket server | ETSI EN 303 470 V1.1.1 (2019-03)- Environmental Engineering (EE); Energy Efficiency measurement methodology and metrics for servers | | | | | | |
| System Configuration | Test System | CPU Populated | Active | Max Watts @ SERT Run | Idle Watts | Idle Calculated Limit Watts | Idle 35 C Watts |
| (1) AMD EPYC 9754<br>(12) 64GB Hynix HMCG94AEBRA109N AA RAM<br>(2) HPE 480GB SATA SSD<br>(1) HPE 1000W Hot Plug Power Supply | high-end performance | 1 | 99,2 | 758,7 | 154,1 | 846,3 | 190,9 |
| (1) AMD EPYC 9124<br>(12) 16GB 1Rx8 PC5-4800B-RD0 RAM<br>(2) HPE 480GB SATA SSD<br>(1) HPE 1000W Hot Plug Power Supply | low-end performance | 1 | 57,3 | 267,3 | 102,5 | 219,7 | 119,6 |
| (2) AMD EPYC 9754<br>(24) 64GB Hynix HMCG94AEBRA109N AA RAM<br>(2) HPE 480GB SATA SSD<br>(1) HPE 2100W Hot Plug Power Supply | high-end performance | 2 | 105,6 | 1337,9 | 261,7 | 1308,4 | 311,1 |
| (2) AMD EPYC 9124<br>(24) 16GB 1Rx8 PC5-4800B-RD0 RAM<br>(2) HPE 480GB SATA SSD<br>(1) HPE 1000W Hot Plug Power Supply | low-end performance | 2 | 60,7 | 504,0 | 179,7 | 369,6 | 218,4 |
| | | | | | | | |

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| | **Idle must be lower than the calculated limit to pass. As described in 2.1 of regulation. Active results must be higher than what is in 2.2 Table 5 of regulation.** |

**Number 3.1- for Severs**

3.1. From 1 March 2020, with the exception of custom made servers, made on a one-off basis, the following product information on servers shall be provided in the instruction manuals for installers and end-users (when present with the product), and on the free-access websites of manufacturers, their authorized representatives and importers from the time a product model is placed on the market until at least eight years after the placing on the market of the last product of a certain product model:

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| a) product type; | Computer Server |
| (b) manufacturer's name, registered trade name and registered trade address at which they can be contacted; | Hewlett Packard Enterprise<br>1701 E Mossy Oaks Road<br>Spring, TX 77389-1913<br>United States of America |
| (c) product model number, and if applicable the low-end performance configuration and the high-end performance configuration model numbers; | TPS-W026 |
| (d) year of manufacture; | 2022 |
| (e) PSU efficiency at 10 % (if applicable), 20 %, 50 % and 100 % of rated output power, with the exception of direct current servers, expressed in % and rounded to the first decimal place; | See PS Efficiency Form above |
| (f) power factor at 50 % of the rated load level, with the exception of direct current servers, rounded to three decimal places; | See PS Efficiency Form above |
| (g) PSU rated power output (Watts), rounded to the nearest integer. If a product model is part of a server product family, all PSUs offered in a server product family shall be reported with the information specified in (e) and (f); | See PS Efficiency Form 1 above |
| (h) idle state power, expressed in Watts and rounded to the first decimal place; | See SERT Test Results above |
| (i) list of all components for additional idle power allowances, if any (additional PSU, HDDs or SSDs, additional memory, additional buffered DDR channels, additional I/O devices). | See SERT Test Results above |
| (j) maximum power, expressed in Watts and rounded to the first decimal place; | See SERT Test Results above |
| (k) declared operating condition class, as detailed in Table 6; | Declare Operating Condition Class A2 (10-35 C). |

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| (l) idle state power (Watts) at the **higher** boundary temperature of the declared operating condition class; | See SERT Test Results above |
| (m) the active state efficiency and the performance in active state of the server; | See SERT Test Results above |
| (n) information on the secure data deletion functionality referred to in point 1.2.2 of this Annex, including instructions on how to use the functionality, the techniques used and the supported secure data deletion standard(s), if any; | Web Link to Secure deletion document here |
| (o) for blade servers, a list of recommended combinations with compatible chassis; | if applicable |
| (p) if a product model is part of a server product family, a list of all model configurations that are represented by the model shall be supplied. If a product model is part of a server product family, the product information required for items e) to m) under point 3.1 shall be reported for the low-end and high-end performance configurations of the server product family. | See SERT Test Results above |

**Number 3.3- for servers and online data storage products**

3.3. From 1 March 2020, the following product information on servers and online data storage products shall be made available from the time a product model is placed on the market until at least eight years after the placing on the market of the last product of a certain product model free of charge by manufacturers, their authorized representatives and importers to third parties dealing with maintenance, repair, reuse, recycling and upgrading of servers (including brokers, spare parts repairers, spare parts providers, recyclers and third party maintenance) upon registration by the interested third party on a website provided

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| 3.3 (a) **indicative weight range (less than 5 g, between 5 g and 25 g, above 25 g)** at component level, of the following critical raw materials:<br>(a) Cobalt in the batteries;<br>(b) Neodymium in the HDDs | Cobalt in the batteries here<br><br>Neodymium in the HDDs here |
| 3.3 (b) instructions on the disassembly operations referred to in point 1.2.1 of this Annex, including, for each necessary operation and component: (a) the type of operation; (b) the type and number of fastening technique(s) to be unlocked; (c) the tool(s) required. | Web link to Maintenance and Service Guide here<br><br>Web link to Document List here<br><br>Web link to QuickSpecs here |