



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-BF-23005E-A

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan
<https://ecoleaf-label.jp/>

Fsas Technologies Inc.

PRIMERGY CX2560 M7



(PRIMERGY CX400 M7 chassis)

Functional unit

The calculation is based on one CX400 M7 with four CX2560 M7.

System boundary

■ final products □ intermediate products

Raw material acquisition, Production, Distribution,
Use & maintenance, End-of-Life

Main specifications of the product

Product:

CX2560 M7 : PYC2567RAN

CX400 M7 chassis : PY-MC4065

Multi-Node Server

(Four CX2560 M7 in the CX400 M7 chassis)

CPU: Dual Socket /CX2560 M7

Intel® Xeon® Scalable Processors

Dimensions:

CX2560 M7 : 193.5 × 580.5 × 40 mm

CX400 M7 chassis : 443.5 × 860 × 86.5 (2U) mm

(Dimensions without protrusions)

Use period: 5 years

Company Information

Fsas Technologies Inc.

<https://eu.fsastech.com/eu/about-us/contact/>

Registration#	JR-BF-23005E-A
PCR number	PA-520000-BF-04
PCR name	IT equipments
Publication date	2023/09/27
Verification date	2023/09/05
Verification method	Product-by-product
Verification#	JV-BF-23005
Expiration date	2028/09/04
PCR review was conducted by:	
Approval date	2023/08/15
PCR review panel chair	Ken Yamagishi (SuMPO)

Third party verifier*

Hiroyuki Uchida

Independent verification of data & declaration in
accordance with ISO14025

☐ internal ☒ external

*Auditor's name is stated if system certification has been performed.

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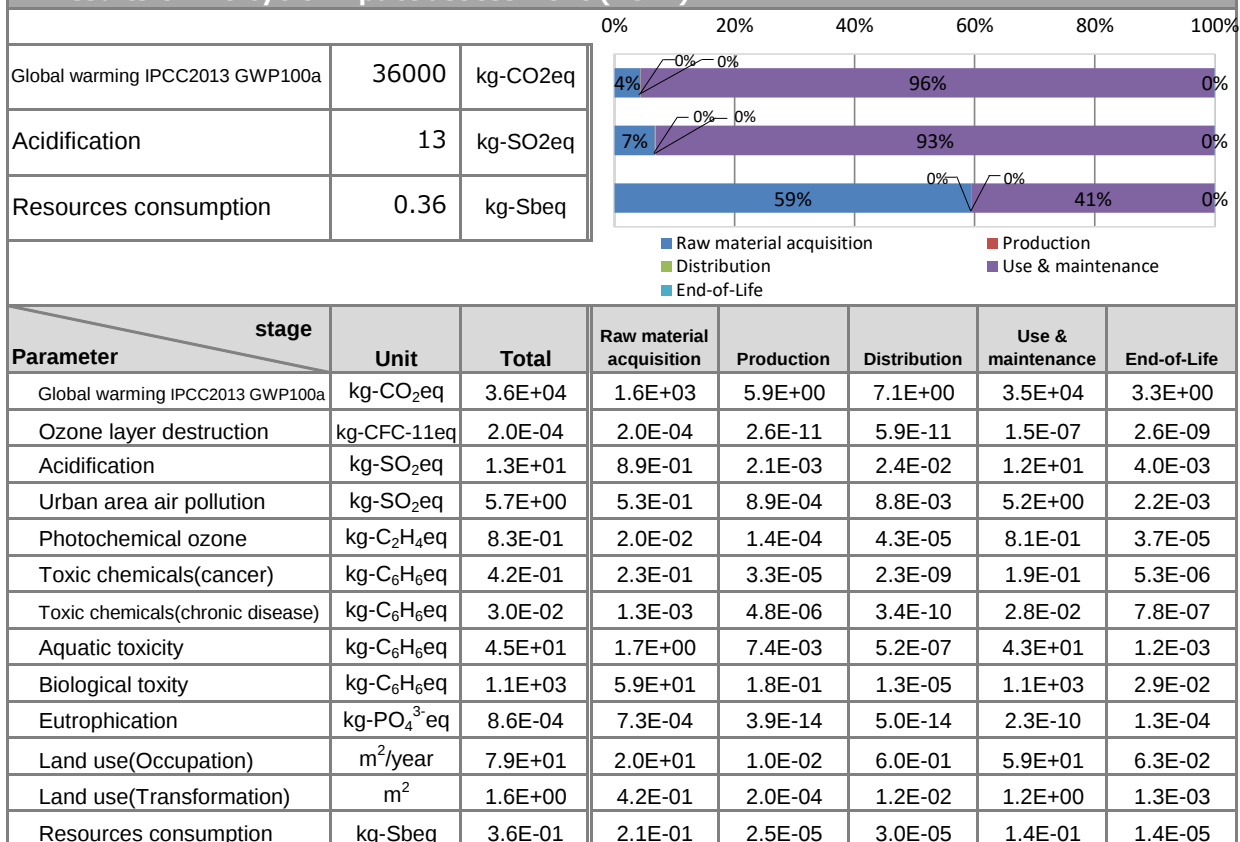
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1. Results of life cycle impact assessment (LCIA)



2. Life cycle inventory analysis (LCI)

Parameter	Value	Unit
Non-renewable material resources	1.3E+02	kg
Non-renewable energy resources	1.4E+04	kg
Non-renewable energy resources	6.1E+05	MJ
Renewable material resources	1.9E+02	kg
Renewable primary energy	2.0E+04	MJ
Consumption of freshwater	5.6E+00	m ³
Emissions, carbon dioxide (fossil), air, unspecified	3.6E+04	kg
Resources, crude oil, 44.7MJ/kg, ground, Non-renewable energy resources	2.2E+03	kg
Emissions, volatile organic compound, air, unspecified	2.6E-03	kg

3. Material composition

Material	Value	Unit
Steel sheet	39	%
Aluminum	1	%
Copper	7	%
ABS	1	%
PC	2	%
PBT	2	%
Printed circuit board	34	%
Cardboard	8	%
Others	6	%



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5. Additional explanation

- Scenario Product Type: Computer Server (excluding the blade system)
- Product Name: PRIMERGY CX2560 M7 Model Name: PYC2567RAN(CX2560 M7), PY-MC4065(CX400 M7 chassis)
- Measurement conditions: Power consumption during use is measured by the measurement method specified by PCR (PA-520000-BF-04)
- Use period: 5 years
- Take-back rate: Calculated assuming 100%
- Use Location: Japan
- Product Configuration:
 - Four CX2560 M7 in the CX400 M7 chassis
 - CPU: Intel® Xeon® Gold 5415+ x2 /CX2560 M7 x1
(Adjusted Peak Performance(APP): 0.222720WT, Gigaflops: 742.4 GFLOPS)
 - DIMM : 16GB DDR5 x16 /CX2560 M7 x1
 - HDD : 2.5inch 2.4TB x8

6-1. Supplementary environmental information

Compliant with the International Energy Star Program Ver3.0. It also complies with the European RoHS Directive.

7. Assumptions of secondary data used

IDEA v2.1.3 and SuMPO Environmental Label Program Registration Data Ver 1.13 are used.

8. Remarks

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- For data quantification, please refer to PCR and Rules on quantification and declaration.
- Comparative assertion is permitted only when Rules on quantification and declaration are satisfied.
(Reference URL : <https://ecoleaf-label.jp/regulation/>)

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