

Greenhouse Gas Verification Opinion

The inventory of Greenhouse Gas emissions in year 2024 of

ASUSTeK COMPUTER INC.

No. 15, Li-De Rd., Beitou Dist.,
Taipei 112, Taiwan

has been verified in accordance with ISO 14064-3:2019 as meeting the requirements of

ISO 14064-1:2018

Opinion Type: Modified

Direct emissions

1,999.3440 tonnes of CO₂e

Indirect emissions

2,533,279.2244 tonnes of CO₂e

Direct emissions and indirect emissions

2,535,278.5684 tonnes of CO₂e

Authorized by



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Business Assurance Director

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The emission of each category is described as below:

Unit: tonnes of CO₂e

Reporting Boundaries		GHG Emissions	
Inventory categories	Description	Location-based	Market-based
Direct emissions	Direct emissions from stationary combustion	107.7360	
	Direct emissions from mobile combustion	810.7088	
	Direct process emissions and removals from industrial processes	0.0000	
	Direct fugitive emissions arise from the release of GHGs in anthropogenic systems	1,080.8992	
	Direct emissions and removals from land use, land use change and forestry	0.0000	
Indirect emissions	Imported energy	15,016.7063	8,450.6009
	Transportation	GHG emissions from downstream transportation and distribution of products are assessed using the GLEC framework, which includes a fuel-based, well-to-wheel performance assessment.	56,362.0320
		GHG emissions from upstream transportation of component purchased.	59,674.8231
		GHG emissions from business air travel for ASUS Taiwan	3,155.7123
		GHG emissions from employee commuting for ASUS Taiwan	5,974.6561
	Products used by an organization	GHG emissions from purchased goods and component	961,527.2294
		GHG emissions from purchased Capital goods	2,708.5052
		GHG emissions from the production of Electricity, LPG, Diesel and Oil	3,925.0355
		GHG emissions from Waste generated in operations for ASUS Taiwan	0.5679

	Associated with the use of products from the organization	GHG emissions from use of sold products for Notebook, Desktop, All-in-one PCs, and Display	1,416,261.8871	
		GHG emissions from End-of-life treatment of sold products for Notebook, Desktop, All-in-one PCs, and Display	8,672.0695	
	Other sources	No quantification	--	
Direct emissions and indirect emissions			2,535,278.5684	2,528,712.4630
Purchased Renewable Energy Certificate(s) Information				
Site/Location	Type	Renewable Energy Source/Location	Imported energy emissions	
			Location-based	Market-based
ASUS COMPUTER INTERNATIONAL	America	Green-e	106.2552	0
ASUS TECH USA			12.5761	
ASUS AUSTRALIA PTY LIMITED	Australia	LGC	41.2863	0
ASUS SERVICE AUSTRALIA PTY LIMITED			79.1713	
ACBZ IMPORTACAO E COMERCIO LTDA.	Brazil	I-REC	5.6024	0
ASUS CHILE SPA	Chile	I-REC	1.6720	0
ASUS COMPUTER (SHANGHAI) CO., LTD.	China	I-REC	168.7258	0
ASUS TECHNOLOGY (HONG KONG) LIMITED			34.0468	0
ASUS TECHNOLOGY (SUZHOU) CO., LTD.			2,241.7646	0
ASUSTEK COMPUTER (CHONGQING) CO., LTD.			137.8219	0
ASUSTEK COMPUTER (SHANGHAI) CO., LTD.			1,775.1234	0
JINRUO CULTURAL DIFFUSION CO., LTD.			19.4483	0
JINSHUO CULTURAL DIFFUSION CO., LTD.			42.4049	0
ASUS COMPUTER COLOMBIA S. A. S.	Colombia	I-REC	1.5545	0

ASUS COMPUTER CZECH REPUBLIC S. R. O.	Czech Republic	AIB GO	22.5900	0
ASUS CZECH SERVICE S. R. O.			436.5625	
ASUS EGYPT L. L. C.	Egypt	I-REC	6.5211	0
ASUSTEK (UK) LIMITED	England	AIB GO	5.5896	0
ASUS FRANCE SARL	France	AIB GO	7.0309	0
ASUS COMPUTER GMBH	Germany	AIB GO	58.3435	0
ASUS HOLLAND B. V.	Holland	Eneco	161.8972	0
ASUS HUNGARY SERVICES LIMITED LIABILITY COMPANY	Hungary	AIB GO	2.7086	0
ASUS INDIA PRIVATE LIMITED	India	I-REC	71.5462	0
ASUS TECHNOLOGY PRIVATE LIMITED			117.4610	0
PT. ASUS SERVICE INDONESIA	Indonesia	I-REC	275.5785	0
PT. ASUS TECHNOLOGY INDONESIA BATAM			66.0398	0
PT. ASUS TECHNOLOGY INDONESIA JAKARTA			24.3684	0
ASUS ISRAEL (TECHNOLOGY) LTD.	Israel	I-REC	9.2080	0
ASUSTEK ITALY S. R. L.	Italy	AIB GO	59.8974	0
ASUS JAPAN INCORPORATION	Japan	J-credit	47.4825	0
ASUSTEK COMPUTER MALAYSIA SDN. BHD.	Malaysia	TIGRs	48.2762	0
ASUS HOLDING MEXICO, S. A. DE C. V.	Mexico	I-REC	6.6404	0
ASUS PERU S. A. C.	Peru	I-REC	1.7138	0
ASUS POLSKA SP. Z O. O.	Poland	Poland National GO	19.7331	0
ASUS PORTUGAL, SOCIEDADE UNIPessoal LDA.	Portugal	AIB GO	3.7074	0
ASUS GLOBAL PTE.LTD.	Singapore	TIGRs	41.0694	0

ASUSTEK COMPUTERS (PTY) LIMITED	South Africa	I-REC	38.1729	0
ASUS SPAIN, S.L.U.	Spain	AIB GO	75.3106	0
ASUS NORDIC AB	Sweden	AIB GO	0.1140	0
ASUSTekCOMPUTER INC.	Taiwan	T-REC	8,169.9254	8,011.1354
ASUS (THAILAND) CO., LTD.	Thailand	I-REC	18.5879	0
ASUS SERVICE (THAILAND) CO., LTD.			13.0224	0
ASUS BILGISAYAR SİSTEMLERİ TİCARET LİMİTED SİRKETİ	Türkiye	I-REC	49.8249	0
ASUS UKRAINE LIMITED LIABILITY COMPANY	Ukraine	AIB GO	2.8818	0
ASUS MIDDLE EAST FZCO	United Arab Emirates	I-REC	22.6062	0
ASUS TECHNOLOGY (VIETNAM) CO., LTD.	Vietnam	I-REC	25.3757	0

The emission of each site is described as below:

Unit: tonnes of CO₂e

Site	Direct emissions	Indirect emissions		Total GHG emissions
	Category 1	Category 2	Category 3~6	
ASUSTEK COMPUTER INC.	879.1114	8,169.9254	2,518,262.52	2,527,311.55
ASUS TECHNOLOGY INCORPORATION	0.0702	242.6112	0	242.68
UNIMAX ELECTRONICS INCORPORATION	2.2803	40.7924	0	43.07
ASUS COMPUTER (SHANGHAI) CO., LTD.	2.4171	168.7258	0	171.14
ASUS TECHNOLOGY (SUZHOU) CO., LTD.	125.3708	2,241.7646	0	2,367.14
ASUSTEK COMPUTER (SHANGHAI) CO., LTD.	155.8964	1,775.1234	0	1,931.02