

Statistical Bulletin

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Taiwan's exports of networking and communication equipment rebounded with 8.8% growth in Q4 2024, ending five consecutive quarters of decline. This recovery continued with an additional 22.1% increase in Jan. 2025.

1. Fueled by the surge in digital transformation, remote work, and online learning driven by COVID-19, along with global broadband infrastructure projects and the reshoring of Taiwanese manufacturing capacity in response to the U.S.-China trade war, Taiwan's exports of networking and communication equipment¹ grew steadily from 2019 to 2022. Exports peaked at US\$ 14.29 billion in 2022, marking the second-highest record, behind the US\$ 16.22 billion in 2011. However, due to weakened market demand and inventory reductions by international telecom operators and brand firms, exports declined for two consecutive years in 2023 and 2024. In Q4 2024, exports rebounded by 8.8%, primarily driven by growing demand for artificial intelligence applications. Growth continued into Jan. 2025, with exports rising by 22.1%.

Taiwan's Networking and Communication Equipment Exports and Major Products

Units: US\$ million, %

Item (HS code)	Networking and communication equipment ¹		Switching and routing apparatus		Parts of articles of heading 8517		Base stations and other apparatus for communication in a wired or wireless network		Optical fibre cables and related components	
		Annual Change Rate	(851762)	Annual Change Rate	(851771, 851779)	Annual Change Rate	(851761, 851769)	Annual Change Rate	(853670, 854470)	Annual Change Rate
2020	9,852	16.7	5,846	25.8	2,042	6.5	801	-0.6	140	-6.7
2021	11,422	15.9	6,911	18.2	2,183	6.9	947	18.2	171	22.3
2022	14,286	25.1	8,622	24.8	2,571	17.8	1,519	60.5	153	-10.2
2023	14,191	-0.7	8,801	2.1	2,475	-3.7	1,538	1.3	151	-1.8
2024	13,606	-4.1	8,289	-5.8	3,119	26.0	885	-42.5	296	96.5
Q1	2,871	-10.7	1,675	-19.5	671	39.4	246	-25.1	34	24.5
Q2	3,231	-7.1	1,917	-15.3	688	36.5	301	-8.9	72	46.8
Q3	3,453	-8.5	2,125	-6.2	827	13.7	168	-61.7	92	143.7
Q4	4,051	8.8	2,572	17.5	932	22.3	171	-61.4	98	169.5
Jan. 2025	1,182	22.1	721	30.3	293	29.7	51	-39.5	35	176.5

¹ Networking and communication equipment mainly includes HS codes 8517, 852550, 852560, 852692, 852871, 852910, 853110, 853670, and 854470.

2. When analyzing specific product categories, switching and routing apparatus have accounted for approximately 60% of total exports over the past five years, making them the largest export category. In Q4 2024, higher demand from cloud service providers and the expansion of 5G networks pushed exports up to US\$ 2.57 billion, setting a new quarterly record. However, due to the high base effect, annual exports fell by 5.8%. Optical fibre cables and related components benefited from rising demand for high-speed transmission in data centers, with exports nearly doubling in 2024. Parts of articles under heading 8517, such as smartphones and networking equipment, also recorded a 26% growth.
3. Taiwanese networking and communication equipment suppliers have long maintained a strong presence in the U.S. and European markets. Over the past five years, exports to these regions have accounted for about two-thirds of total exports. As governments worldwide expand broadband infrastructure and the U.S. implements its 'Clean Network' program, Taiwan's exports to the U.S.A. and Europe in 2024 rose by 39.3% and 55.9%, respectively, compared with 2020. Emerging markets in ASEAN and India have also demonstrated significant potential, actively rolling out 5G networks. Taiwan's exports to these two markets increased by 83.6% and 3.1 times over the past five years, with their shares of total exports rising by 1.6 and 1.5 percentage points, respectively. Meanwhile, exports to Mainland China & Hong Kong as well as Japan declined by 1.5% and 2.4%, respectively, reducing their shares by 5.2 and 1.1 percentage points compared with 2020.

Taiwan's Major Export Markets for Networking and Communication Equipment (%)								
		Total	U.S.A.	Europe	Mainland China & Hong Kong	ASEAN	Japan	India
As % of Total Exports	2020	100.0	45.9	18.6	18.2	4.7	3.7	0.8
	2023	100.0	47.3	19.5	15.4	4.9	2.7	1.5
	2024	100.0	46.3	21.0	13.0	6.3	2.6	2.3
Annual Change Rate	2020	16.7	15.9	5.0	37.0	17.0	23.8	10.4
	2021	15.9	3.9	28.4	22.3	15.0	12.5	26.5
	2022	25.1	33.5	18.2	13.2	32.9	18.6	49.1
	2023	-0.7	7.1	-0.6	-11.9	-2.1	-21.4	50.7
	2024	-4.1	-6.3	3.3	-19.3	22.7	-7.0	43.5
	2020-2024	38.1	39.3	55.9	-1.5	83.6	-2.4	307.8

Data Source : Department of Statistics, Ministry of Finance.