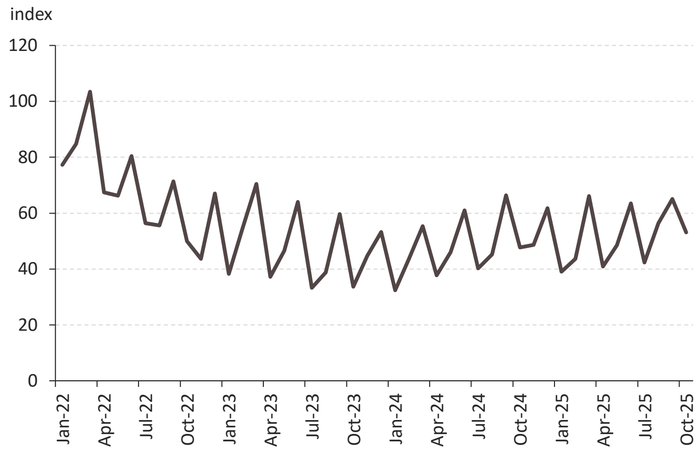
Hard Disk Drive: HDD (ฮาร์ดดิสก์ไดร์ฟ)

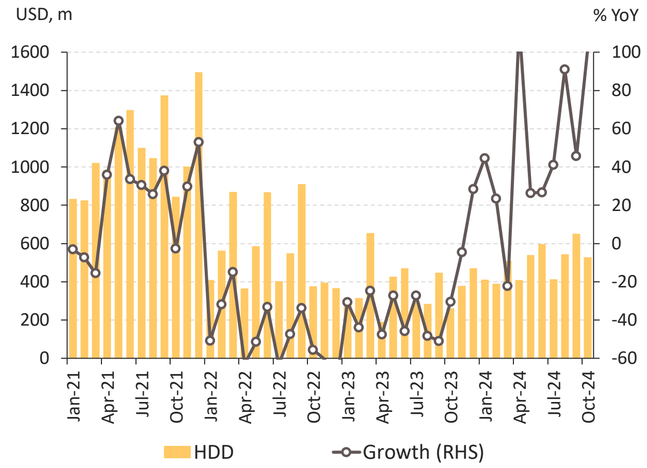
MPI of Thai HDD



Note: MPI as of the base year (2011=100)
Source: OIE, CEIC

Thai HDD and Computer Components Exports

Thai HDD Exports



Note: HDD including storage devices for automatic data processing machines
Source: MOC

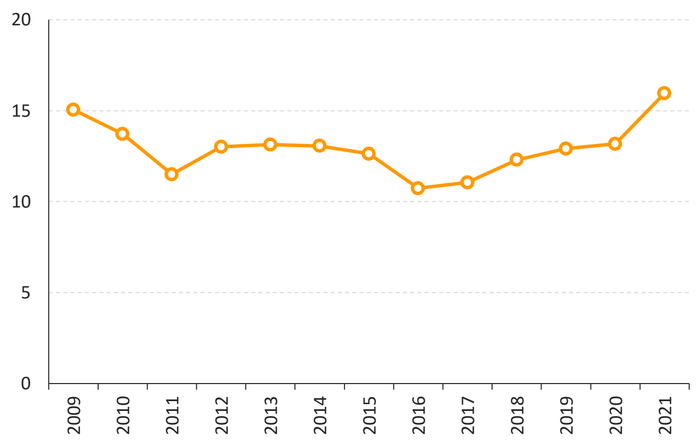
unit: USD, m

	HDD	Other Storage Devices	Other Computer components	Total HDD & Computer Components
2021	13,036.1	253.0	8,746.7	22,035.8
2022	6,663.3	5,034.0	9,002.3	20,699.6
2023	4,477.7	3,739.5	9,602.6	17,819.8
10M23	3,628.5	2,906.9	7,861.7	14,397.1
10M24	4,991.4	3,125.5	11,626.1	19,743.0
% YoY	**37.6**	**7.5**	**47.9**	**37.1**

Market Share of HDD Exports by Destination (%)

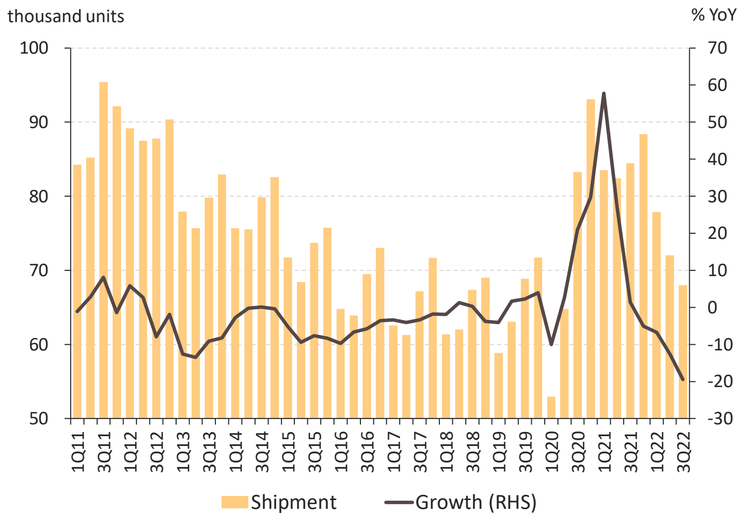
	HONG KONG	CHINA	NETHERLANDS	IRELAND	TAIWAN	OTHERS
2021	23.74	9.43	7.09	1.04	1.55	57.16
2022	19.12	12.53	6.39	2.27	1.61	58.08
2023	18.71	12.29	5.36	2.43	2.43	58.78
10M23	17.93	11.22	5.54	2.76	2.44	60.11
10M24	10.00	15.76	4.22	3.00	2.81	64.22

Revealed Comparative Advantage (RCA) of Thai HDD



Note: RCA above 1 signifies good competitiveness
Source: Trademap.org, calculated by Krungsri Research

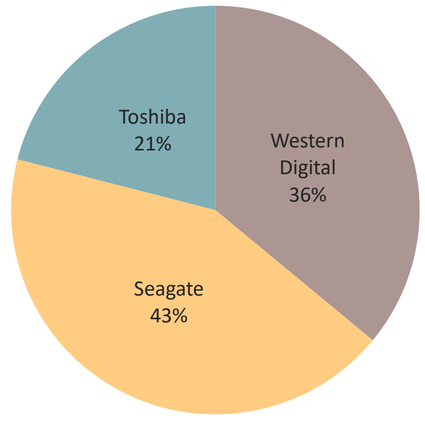
Worldwide PC Shipments



Source: Gartner

Worldwide HDD Shipments Market Share by Manufacturers

2021



Source: Coughlin Associates

Hard Disk Drive: HDD (ฮาร์ดดิสก์ไดร์ฟ)

Worldwide PC Shipments

(thousand units)

	Shipment	%YoY
3Q18	67,357	0.30
4Q18	69,014	-3.74
1Q19	58,860	-4.10
2Q19	63,047	1.62
3Q19	68,869	2.24
4Q19	71,749	3.96
1Q20	52,928	-10.08
2Q20	64,808	2.79
3Q20	83,286	20.93
4Q20	93,076	29.72
1Q21	83,520	57.80
2Q21	82,424	27.18
3Q21	84,446	1.39
4Q21	88,392	-5.03
1Q22	77,861	-6.78
2Q22	72,011	-12.63
3Q22	67,996	-19.48

(thousand units)

	Shipment	% YoY
2017	262,675	-3.14
2018	259,786	-1.10
2019	262,525	1.05
2020	294,098	12.03
2021	338,782	15.19
9M21	250,390	24.56
9M22	217,868	-12.99

Source: Gartner

MPI of Thai HDD

	2023	2024	2025	% YoY
Jan	38.30	32.39	39.02	-36.77
Feb	54.38	43.81	43.68	11.96
Mar	70.44	55.35	66.14	51.41
Apr	37.19	37.77	40.87	-38.21
May	46.60	46.03	48.46	18.58
Jun	64.00	60.93	63.42	30.87
Jul	33.30	40.27	42.36	-33.20
Aug	38.82	45.28	56.39	33.11
Sep	59.72	66.34	65.05	15.37
Oct	33.69	47.70	53.08	-18.41
Nov	44.74	48.67		
Dec	53.29	61.71		
Avg	**47.87**	**48.85**	**51.85**	8.95

	MPI	% YoY
2019	113.76	-5.86
2020	110.54	-2.83
2021	111.80	1.14
2022	76.72	-31.38
2023	53.52	-30.24
10M24	47.59	-0.12
10M25	51.85	8.95

Note: MPI as of the base year (2016=100)
Source: OIE, CEIC

Thai HDD and Computer Components Exports (USD, m)

HDD

	2022	2023	2024	% YoY
Jan	410.1	284.3	411.3	44.6
Feb	562.3	315.2	389.3	23.5
Mar	870.2	654.5	508.7	-22.3
Apr	365.1	191.3	409.8	114.2
May	585.9	426.9	539.2	26.3
Jun	867.7	470.9	596.7	26.7
Jul	402.6	292.8	413.2	41.1
Aug	549.9	284.5	543.3	91.0
Sep	910.7	446.8	651.2	45.7
Oct	376.0	261.4	528.8	102.3
Nov	396.5	378.4		
Dec	366.4	470.7		
Total	**6,663.3**	**4,477.7**	**4,991.4**	

Other Storage Devices

	2022	2023	2024	%YoY
Jan	293.0	123.3	158.0	28.1
Feb	378.6	201.2	237.7	18.1
Mar	766.7	756.5	391.2	-48.3
Apr	264.0	125.2	176.5	40.9
May	290.2	196.6	276.8	40.8
Jun	721.2	538.0	457.0	-15.1
Jul	258.9	65.5	242.8	270.7
Aug	296.1	158.0	382.5	142.1
Sep	680.2	609.4	444.7	-27.0
Oct	179.6	133.2	358.4	169.2
Nov	287.3	299.9		
Dec	618.2	532.6		
Total	**5,034.0**	**3,739.5**	**3,125.5**	

Other Computer Components

	2022	2023	2024	%YoY
Jan	716.9	710.8	908.9	27.9
Feb	669.2	724.6	923.0	27.4
Mar	767.2	845.9	1,090.0	28.9
Apr	592.6	673.0	1,016.6	51.1
May	653.0	831.8	1,286.4	54.6
Jun	764.0	870.2	1,238.6	42.3
Jul	784.6	737.9	1,346.1	82.4
Aug	862.8	806.1	1,255.2	55.7
Sep	899.6	828.4	1,269.2	53.2
Oct	727.9	833.1	1,292.2	55.1
Nov	755.4	908.7		
Dec	809.0	832.3		
Total	**9,002.3**	**9,602.6**	**11,626.1**	**47.9**

Total HDD & Computer Components

	2022	2023	2024	%YoY
Jan	1,420.0	1,118.4	1,478.1	32.2
Feb	1,610.2	1,241.0	1,549.9	24.9
Mar	2,404.1	2,256.9	1,989.9	-11.8
Apr	1,221.7	989.5	1,602.8	62.0
May	1,529.0	1,455.4	2,102.4	44.5
Jun	2,352.9	1,879.0	2,292.3	22.0
Jul	1,446.1	1,096.2	2,002.1	82.6
Aug	1,708.8	1,248.6	2,180.9	74.7
Sep	2,490.5	1,884.6	2,365.1	25.5
Oct	1,283.5	1,227.6	2,179.4	77.5
Nov	1,439.1	1,587.0		
Dec	1,793.7	1,835.6		
Total	**20,699.6**	**17,819.8**	**19,743.0**	**37.1**

Source: MOC