

SenseTime (20 HK)

Accelerating Generative AI monetization

SenseTime reported FY23 financial results on 26 Mar: total revenue declined by 11% YoY to RMB3.4bn in FY23, below consensus estimate of RMB4.3bn. primarily due to the decline in the Traditional AI business as the company shifted its strategic focus to Generative AI business; adjusted net loss widened by 14% YoY to RMB5.4bn in FY23, versus consensus estimate of RMB3.7bn, due to investment in Al infra and impairment loss of RMB1.8bn (mainly for trade receivables of the smart city business). For 2024, the company will further accelerate the monetization of generative AI services, which we expect to support its revenue rebound. Meanwhile, the company will enhance operating efficiency and improve cash flow conversion capability in 2024, via cutting non-core businesses. However, we expect the adjustment of Traditional Al business will drag overall revenue growth in the short term, and thus cut our FY24/25E revenue estimate by 24/24%. Our target price is lowered to HK\$1.25 (previous: HK\$2.30 based on 13x FY23 EV/sales) based on 7.0x FY24E EV/sales, which is a discount to the average EV/Sales of China's AI peers (7.8x), reflecting SenseTime's Traditional AI business headwind.

- Generative AI business recorded strong growth in FY23. Generative AI business revenue grew by 200% YoY to RMB1.18bn, and accounted for 35% of total revenue in FY23 (FY22: 10%), mainly driven by strong demand for model training and fine-tuning services. Over 70% of the Generative AI customers are new customers to SenseTime in FY23, while the average revenue per customer of the remaining 30% also recorded c.50% YoY growth. The consumer-end usage of SenseNova foundation model also saw a c.120-fold increase in FY23. On the other hand, the Traditional AI business revenue was down by 41% YoY to RMB1.84bn in 2023, as the company focused its resources on Generative AI business and scaled back smart city business. Revenue contribution from smart city business declined from 29% in FY22 to less than 10% in FY23. We expect the revenue mix shift to improve the cash conversion and profitability of SenseTime in the long term.
- Monetizing generative AI opportunities. Looking into 2024, SenseTime's strategic goals will focus on: 1) maintaining competitive edges in AI technology by further doubling the scale of its computing power (currently at 12,000 petaFLOPs with 45,000 GPUs); 2) accelerating the monetization of Generative AI business; 3) enhancing profitability and cash conversion capability via spinning off non-core businesses. We see SenseTime to benefit from the secular trend of generative AI development, given its robust AI infrastructure and large model capability.
- Expect enhancing profitability and cash conversion in FY24E. SenseTime's GPM dropped by 23ppt YoY to 44.1% in 2023, primarily due to investment in AI infrastructure. We expect the GPM to stabilize over FY24-26 as the company accelerates monetization of Generative AI business. We also expect improving adjusted net loss margin from -157% in FY23 to -71/-42% in FY24/25E, as SenseTime continues to enhance its operating efficiency and scale back non-core business.

Earnings Summary

<u> </u>									
(YE 31 Dec)	FY22A	FY23A	FY24E	FY25E	FY26E				
Revenue (RMB mn)	3,809	3,406	4,349	5,464	6,532				
Adjusted net profit (RMB mn)	(4,688.0)	(5,359.7)	(3,077.7)	(2,278.4)	(1,603.1)				
EPS (Reported) (RMB cents)	(18.93)	(19.24)	(10.89)	(8.63)	(7.13)				
Consensus EPS (RMB cents)	(18.93)	(19.24)	(9.41)	(6.48)	(4.00)				
EV/Sales (x)	2.9	4.7	3.7	3.2	3.5				
ROE (%)	(19.9)	(24.7)	(16.4)	(14.6)	(13.9)				
Source: Company data, Bloomberg	Source: Company data, Bloomberg, CMBIGM estimates								

BUY (Maintain)

 Target Price
 HK\$1.25

 (Previous TP
 HK\$2.30)

 Up/Downside
 60.3%

 Current Price
 HK\$0.78

China Software & IT Services

Saiyi HE, CFA (852) 3916 1739 hesaiyi@cmbi.com.hk

Wentao LU, CFA luwentao@cmbi.com.hk

Ye TAO

franktao@cmbi.com.hk

Stock Data	
Mkt Cap (HK\$ mn)	25,133.7
Avg 3 mths t/o (HK\$ mn)	196.7
52w High/Low (HK\$)	3.33/0.78
Total Issued Shares (mn)	32222.7
Source: FactSet	

Shareholding Structure	
Amind	20.6%
Softbank	10.8%

Source: HKEx

Share Performance

	Absolute	Relative
1-mth	-15.2%	-15.1%
3-mth	-27.8%	-29.0%
6-mth	-45 1%	-42 3%

Source: FactSet



Source: FactSet



Figure 1: SenseTime: forecast revision

		2024E			2025E			2026E	
RMBm	New	Old	%Diff	New	Old	%Diff	New	Old	%Diff
Sales	4,349	5,704	-24%	5,464	7,208	-24%	6,532	n/a	n/a
Gross profit	1,860	2,744	-32%	2,353	3,641	-35%	2,832	n/a	n/a
Operating profit	-3,335	-3,620	n/a	-2,542	-2,779	n/a	-1,849	n/a	n/a
Adj. EBITDA	-2,080	-2,071	n/a	-1,145	-1,039	n/a	-318	n/a	n/a
Adj. Net profit	-3,109	-3,039	n/a	-2,303	-2,232	n/a	-1,623	n/a	n/a
EPS	-0.11	-0.11	n/a	-0.09	-0.09	n/a	-0.07	n/a	n/a
Margins									
GM	42.8%	48.1%	-533 bps	43.1%	50.5%	-744 bps	43.4%	n/a	n/a
OPM	-76.7%	-63.5%	-1322 bps	-46.5%	-38.6%	-797 bps	-28.3%	n/a	n/a
Adj. EBITDA margin	-47.8%	-36.3%	-1151 bps	-21.0%	-14.4%	-655 bps	-4.9%	n/a	n/a
Net margin	-71.5%	-53.3%	-1820 bps	-42.1%	-31.0%	-1118 bps	-24.9%	n/a	n/a

Source: CMBIGM estimates

Figure 2: SenseTime: CMBIGM estimates vs consensus

		2024E			2025E			2026E	
RMBm	СМВІ	Street	Diff	CMBI	Street	Diff	СМВІ	Street	Diff
Sales	4,349	5,560	-22%	5,464	7,120	-23%	6,532	n/a	n/a
Gross profit	1,860	2,871	-35%	2,353	3,788	-38%	2,832	n/a	n/a
Operating profit	-3,335	-3,076	n/a	-2,542	-2,175	n/a	-1,849	n/a	n/a
Adj. EBITDA	-2,080	-1,733	n/a	-1,145	-782	n/a	-318	n/a	n/a
Adj. Net profit	-3,109	-2,550	n/a	-2,303	-1,901	n/a	-1,623	n/a	n/a
EPS	-0.11	-0.09	n/a	-0.09	-0.06	n/a	-0.07	n/a	n/a
Margins									
GM	42.8%	51.6%	-887 bps	43.1%	53.2%	-1013 bps	43.4%	n/a	n/a
OPM	-76.7%	-55.3%	-2135 bps	-46.5%	-30.5%	-1597 bps	-28.3%	n/a	n/a
Adj. EBITDA margin	-47.8%	-31.2%	-1665 bps	-21.0%	-11.0%	-997 bps	-4.9%	n/a	n/a
Net margin	-71.5%	-45.9%	-2560 bps	-42.1%	-26.7%	-1545 bps	-24.9%	n/a	n/a

Source: Bloomberg, CMBIGM estimates

Valuation

Figure 3: Global Al companies: valuation comparison

Companies	Ticker	Price	PS	(x)	EV/Sa	les (x)	Rev CAGR
	(LC)	2024E	2025E	2024E	2025E	2023E-2025E	
China							
Cloudwalk	688327 CH	14.2	13.8	9.7	12.9	9.1	42%
Arcsoft	688088 CH	34.5	15.9	11.4	13.6	9.7	32%
Hikvision	002415 CH	32.7	3.0	2.6	2.8	2.4	11%
Dahua	002236 CH	19.6	1.7	1.5	1.7	1.5	12%
		Average	8.6	6.3	7.8	5.7	
Overseas							
Palantir	PLTR US	24.5	20.2	16.8	19.4	16.1	19%
UiPath	PATH US	23.1	10.2	8.4	9.3	7.7	21%
C3.ai	AI US	27.6	10.9	9.2	8.5	7.2	13%
Ambarella	AMBA US	51.4	9.1	8.3	8.3	7.5	-9%
		Average	12.6	10.6	11.4	9.6	
		Global Average	10.6	8.5	9.6	7.7	

Source: Bloomberg, CMBIGM Note: data are as of 25 Mar 2024



Financial Summary

INCOME STATEMENT	2021A	2022A	2023A	2024E	2025E	2026E
YE 31 Dec (RMB mn)						
Revenue	4,700	3,809	3,406	4,349	5,464	6,532
Cost of goods sold	(1,423)	(1,266)	(1,905)	(2,489)	(3,111)	(3,699)
Gross profit	3,278	2,542	1,501	1,860	2,353	2,832
Operating expenses	(6,594)	(6,483)	(5,795)	(5,195)	(4,895)	(4,681)
Selling expense	(682)	(901)	(819)	(774)	(728)	(697)
Admin expense	(2,298)	(1,568)	(1,511)	(1,373)	(1,295)	(1,238)
R&D expense	(3,614)	(4,014)	(3,466)	(3,048)	(2,872)	(2,746)
Operating profit	(3,316)	(3,941)	(4,295)	(3,335)	(2,542)	(1,849)
Interest income	188	261	342	277	319	308
Interest expense	(34)	(55)	(147)	(169)	(244)	(294)
Other income/expense	(13,979)	(2,597)	(2,405)	(454)	(449)	(575)
Pre-tax profit	(17,142)	(6,333)	(6,504)	(3,682)	(2,916)	(2,410)
Income tax	(36)	240	9	5	4	4
After tax profit	(17,177)	(6,093)	(6,495)	(3,677)	(2,912)	(2,406)
Minority interest	(37)	(48)	(55)	(31)	(24)	(20)
Net profit	(17,140)	(6,045)	(6,440)	(3,646)	(2,887)	(2,386)
Adjusted net profit	(1,381)	(4,688)	(5,360)	(3,078)	(2,278)	(1,603)
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BALANCE SHEET	2021A	2022A	2023A	2024E	2025E	2026E
YE 31 Dec (RMB mn)						
Current assets	28,084	21,524	16,940	18,251	18,586	17,001
Cash & equivalents	16,530	7,963	9,423	11,651	11,893	10,281
Account receivables	5,776	6,072	5,159	3,623	3,392	3,095
Inventories	496	617	506	1,125	1,449	1,774
Financial assets at FVTPL	273	632	522	522	522	522
Other current assets	4,991	6,213	1,310	1,310	1,310	1,310
Contract assets	19	27	20	20	20	20
Non-current assets	8,860	15,903	15,948	15,849	15,627	15,171
PP&E	2,909	6,999	7,379	7,291	7,081	6,640
Right-of-use assets	432	315	350	350	350	350
Intangibles	225	333	326	315	303	288
Other non-current assets	5,294	8,256	7,894	7,894	7,894	7,894
Total assets	36,944	37,427	32,888	34,100	34,213	32,172
Current liabilities	2,795	3,323	3,287	6,004	7,492	8,921
Short-term borrowings	0	321	194	385	574	441
Account payables	2,290	2,473	2,262	4,715	5,927	7,405
Other current liabilities	177	460	613	803	992	860
Contract liabilities	172	208	266	340	427	510
Non-current liabilities	2,162	5,090	6,445	6,942	8,479	7,416
Long-term borrowings	340	2,907	4,279	6,444	7,972	6,902
Bond payables	45	12	5	5	5	5
Other non-current liabilities	1,778	2,171	2,161	493	501	509
Total liabilities	4,957	8,413	9,733	12,947	15,971	16,336
Share capital	0	0	0	0	0	0
Retained earnings	(40,149)	(46,194)	(52,634)	(56,280)	(59,167)	(61,553)
Other reserves	72,042	75,164	75,794	77,469	77,469	77,469
Total shareholders equity	31,893	28,970	23,159	21,189	18,302	15,916
Minority interest	95	44	(4)	(35)	(60)	(80)
Total equity and liabilities	36,944	37,427	32,888	34,100	34,213	32,172



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CASH FLOW	2021A	2022A	2023A	2024E	2025E	2026E
YE 31 Dec (RMB mn)						
Operating						
Profit before taxation	(17,142)	(6,333)	(6,504)	(3,682)	(2,916)	(2,410)
Depreciation & amortization	658	968	994	1,141	1,237	1,323
Tax paid	(38)	(11)	(22)	5	4	4
Change in working capital	(2,026)	(101)	823	3,451	1,214	1,541
Others	16,062	2,393	1,475	(107)	(75)	(14)
Net cash from operations	(2,485)	(3,084)	(3,234)	808	(535)	443
Investing						
Capital expenditure	(1,266)	(5,167)	(1,518)	(1,043)	(1,015)	(866)
Others	(283)	(4,131)	4,976	277	319	308
Net cash from investing	(1,548)	(9,298)	3,458	(766)	(697)	(558)
Financing						
Dividend paid	0	0	0	0	0	0
Net borrowings	4,769	3,389	1,228	2,356	1,717	(1,203)
Proceeds from share issues	4,643	0	0	0	0	0
Others	(34)	(60)	(145)	(169)	(244)	(294)
Net cash from financing	9,378	3,329	1,084	2,186	1,474	(1,497)
Net change in cash						
Cash at the beginning of the year	11,428	16,530	7,963	9,423	11,651	11,893
Exchange difference	(243)	487	153	0	0	0
Cash at the end of the year	16,530	7,963	9,423	11,651	11,893	10,281
GROWTH	2021A	2022A	2023A	2024E	2025E	2026E
YE 31 Dec						
Revenue	36.4%	(19.0%)	(10.6%)	27.7%	25.6%	19.5%
Gross profit	34.8%	(22.4%)	(41.0%)	24.0%	26.5%	20.3%
PROFITABILITY	2021A	2022A	2023A	2024E	2025E	2026E
YE 31 Dec						
Gross profit margin	69.7%	66.8%	44.1%	42.8%	43.1%	43.4%
Operating margin	(70.6%)	(103.5%)	(126.1%)	(76.7%)	(46.5%)	(28.3%)
Adj. net profit margin	(29.4%)	(123.1%)	(157.4%)	(70.8%)	(41.7%)	(24.5%)
Return on equity (ROE) GEARING/LIQUIDITY/ACTIVITIES	(316.7%) 2021 A	(19.9%) 2022A	(24.7%) 2023A	(16.4%) 2024E	(14.6%) 2025E	(13.9%) 2026E
YE 31 Dec	2021A	2022A	2023A	2024E	2023E	2020E
Net debt to equity (x)	(0.5)	(0.1)	(0.1)	(0.2)	(0.2)	(0.1)
Current ratio (x)	10.0	6.5	5.2	3.0	2.5	1.9
Receivable turnover days	319.3	493.6	345.5	241.9	169.3	118.5
Inventory turnover days	155.4	160.5	107.6	165.0	170.0	175.0
Payable turnover days	128.9	189.9	175.3	200.9	206.9	224.3
VALUATION	2021A	2022A	2023A	2024E	2025E	2026E
YE 31 Dec						
P/E	ns	ns	ns	ns	ns	ns
P/B	4.1	3.8	2.6	1.1	1.3	1.5
EV	1,480.1	11,082.5	15,997.3	16,125.0	17,600.5	22,933.4
EV/Sales	0.3	2.9	4.7	3.7	3.2	3.5

 $Source: Company \ data, \ CMBIGM \ estimates. \ Note: The \ calculation \ of \ net \ cash \ includes \ financial \ assets.$



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