

Tencent (700 HK)

Unleashing business model advantages

Tencent announced its 4Q23 results on 20 Mar: total revenue grew by 7% YoY to RMB155.2bn in 4Q23, largely in line with our/consensus estimate of RMB156.1/157.4bn. Non-IFRS net income was up by 44% YoY to RMB42.7bn in 4Q23, ahead of our/consensus estimate of RMB40.0/42.0bn, mainly due to solid GPM expansion (+7.3ppt YoY). FY23 total revenue grew by 10% YoY to RMB609.0bn, and non-IFRS net income increased by 36% YoY to RMB157.7bn. Tencent's business model has ample room for operating leverage improvement and we expect its consumer internet business will drive for continuous profit growth in near term. It also has strong cash generation to assure capital return to investors. The company proposed to at least double the size of share repurchase from HK\$49bn in 2023 to over HK\$100bn in 2024 (c.4% of current mkt cap). We raise FY24/25E earnings forecast by 4-5% given the strong GPM improvement. We finetuned our SOTP-derived TP to HK\$450.5 (previous: HK\$458.5). Maintain BUY.

- Expect games revenue growth to recover from 2Q24 onwards. Games revenue dropped 2% YoY to RMB40.9bn in 4Q23, 7% below consensus estimate, primarily due to slowdown in monetization of certain legacy titles. Domestic games revenue declined by 3% YoY to RMB27.0bn in 4Q23, mainly due to drop in revenue from *Honor of Kings* and *Peacekeeper Elite*. International games revenue grew by 1% YoY to RMB13.9bn in 4Q23 (-1% YoY on constant currency), driven by growth in *PUBG Mobile* and *Valorant*. Management expects domestic games revenue to recover from 2Q24 onwards, mainly on monetization recovery of legacy games and launch of new titles such as *DnF Mobile*, *Honor of Fight*, and *Need for Speed Mobile*.
- Solid ad revenue growth on robust demand for VA ads. Online ad revenue increased by 21% YoY to RMB29.8bn in 4Q23, with all verticals except for automotive increasing their ad spending, supported by the strong ad demand for Video Accounts (VA) and improvement in ad tech. Total time spent on VA grew over 80% YoY, and the ad revenue from VA more than doubled YoY on higher click through rate and impressions in 4Q23, while its ad load rate remains significantly lower than the peers.
- Resilient FBS business on business innovation. Fintech and Business Services (FBS) revenue grew by 15% YoY to RMB54.4bn in 4Q23. Fintech revenue recorded double-digit YoY growth in 4Q23, backed by solid growth in commercial payment, wealth management, and consumer loan businesses. Business services revenue delivered c.20% YoY growth in 4Q23, mainly driven by strong growth in service fee revenue from VA e-commerce. Total GMV from VA e-commerce surpassed RMB100bn in 2023.
- Continuous GPM expansion. GPM expanded by 7.3ppt YoY to 50.0% in 4Q23, with VAS/ads/FBS GPM up by 3.9/12.5/10.3ppt YoY, benefitting from incremental revenue from high-margin businesses such as Mini Games/VA ad/VA e-commerce. We expect further room for GPM expansion in FY24/25E, and forecast non-IFRS net income to grow 23/10% in FY24/25E. Current valuation of 13x FY24 non-IFRS PE offers attractive value. Maintain BUY.

Earnings Summary

(YE 31 Dec)	FY22A	FY23A	FY24E	FY25E	FY26E
Revenue (RMB mn)	554,552	609,015	663,725	717,483	762,698
Adjusted net profit (RMB mn)	115,649.0	157,688.0	193,194.9	212,767.0	229,501.3
EPS (Adjusted) (RMB)	12.13	16.66	19.95	21.97	23.70
Consensus EPS (RMB)	12.13	16.66	18.87	21.35	24.73
P/E (x)	41.9	26.8	18.2	16.4	15.3
Source: Company data, Bloomber	g, CMBIGM est	imates			

BUY (Maintain)

 Target Price
 HK\$450.50

 (Previous TP
 HK\$458.50)

 Up/Downside
 56.0%

 Current Price
 HK\$288.80

China Internet

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)	2,734,069.6
Avg 3 mths t/o (HK\$ mn)	6,789.7
52w High/Low (HK\$)	388.20/262.20
Total Issued Shares (mn)	9467.0

Source: FactSet

Shareholding Structure

MIH TC	25.6%
Advance Data Services Limited	8.4%
Source: HKEx	

Share Performance

	Absolute	Relative
1-mth	1.6%	-0.2%
3-mth	-8.1%	-7.7%
6-mth	-6.6%	1.0%

Source: FactSet



Source: FactSet



Business forecasts update and valuation

Figure 1: Tencent: forecast revision

	Current			Previous			Change (%)		
RMB bn	FY24E	FY25E	FY26E	FY24E	FY25E	FY26E	FY24E	FY25E	FY26E
Revenue	663.7	717.5	762.7	662.7	714.9	NA	0.2%	0.4%	NA
Gross Profit	327.9	358.4	385.7	323.3	350.3	NA	1.4%	2.3%	NA
Adjusted net profit	193.2	212.8	229.5	185.1	202.1	NA	4.4%	5.3%	NA
Adjusted EPS (RMB)	19.9	22.0	23.7	19.1	20.9	NA	4.4%	5.3%	NA
Gross Margin	49.4%	49.9%	50.6%	48.8%	49.0%	NA	0.6 ppt	0.9 ppt	NA
Adjusted net margin	29.1%	29.7%	30.1%	27.9%	28.3%	NA	1.2 ppt	1.4 ppt	NA

Source: CMBIGM estimates

Figure 2: CMBIGM estimates vs consensus

	CMBIGM			Consensus			Diff (%)		
RMB bn	FY24E	FY25E	FY26E	FY24E	FY25E	FY26E	FY24E	FY25E	FY26E
Revenue	663.7	717.5	762.7	681.2	753.1	839.3	-2.6%	-4.7%	-9.1%
Gross Profit	327.9	358.4	385.7	332.6	370.3	417.3	-1.4%	-3.2%	-7.6%
Adjusted net profit	193.2	212.8	229.5	183.6	208.4	241.3	5.2%	2.1%	-4.9%
Adjusted EPS (RMB)	19.9	22.0	23.7	18.9	21.4	24.7	5.7%	2.9%	-4.2%
Gross Margin	49.4%	49.9%	50.6%	48.8%	49.2%	49.7%	0.6 ppt	0.8 ppt	0.8 ppt
Adjusted net margin	29.1%	29.7%	30.1%	27.0%	27.7%	28.8%	2.2 ppt	2.0 ppt	1.3 ppt

Source: Bloomberg, CMBIGM estimates

Figure 3: Tencent: quarterly financial

(RMB bn)	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	Cons.	Diff%	CMBI	Diff%
SNS revenue	29.1	29.2	29.9	28.6	31.0	29.7	29.7	28.2	28.8	-2.1%	28.7	-1.8%
YoY %	1.0%	0.6%	-1.4%	-1.7%	6.3%	1.6%	-0.4%	-1.5%				
Games revenue	43.6	42.5	42.9	41.8	48.4	44.5	46.0	40.9	43.9	-6.8%	42.6	-3.9%
YoY %	0.0%	-1.2%	-4.6%	-2.3%	10.9%	4.8%	7.4%	-2.2%				
Online ad revenue	18.0	18.6	21.4	24.7	21.0	25.0	25.7	29.8	28.8	3.5%	28.3	5.4%
YoY %	-17.6%	-18.4%	-4.7%	14.6%	16.5%	34.2%	20.0%	20.8%				
FBS revenue	42.8	42.2	44.8	47.2	48.7	48.6	52.0	54.4	54.8	-0.8%	54.3	0.1%
YoY %	9.6%	0.8%	3.5%	-1.5%	13.9%	15.2%	16.1%	15.1%				
Total revenue	135.5	134.0	140.1	145.0	150.0	149.2	154.6	155.2	157.4	-1.4%	156.1	-0.6%
YoY %	0.1%	-3.1%	-1.6%	0.5%	10.7%	11.3%	10.4%	7.1%				
Gross profit margin	42.1%	43.2%	44.2%	42.6%	45.5%	47.5%	49.5%	50.0%	48.5%	1.5 ppt	48.8%	1.2 ppt
G&A%	19.7%	19.6%	18.9%	18.8%	16.4%	17.0%	17.0%	17.5%				
S&M%	5.9%	5.9%	5.1%	4.2%	4.7%	5.6%	5.1%	7.1%				
Non-IFRS net margin	16.6%	21.6%	24.7%	20.5%	22.0%	24.7%	29.2%	27.5%				
Non-IFRS net profit	22.5	28.9	34.6	29.7	32.9	36.9	45.2	42.7	42.0	1.7%	40.0	6.8%
YoY %	-32.2%	-15.1%	8.9%	19.4%	46.6%	27.6%	30.8%	43.7%				

Source: Company data, CMBIGM estimates



Our SOTP-derived target price of HK\$450.5 comprises, per share:

- 1) HK\$171.9 for the online games business, based on a 18x 2024E PE, which is on par with the average PE for its global gaming peers.
- 2) HK\$21.2 for the SNS business, including the market cap of Tencent's stake in its subsidiaries, the valuation of Tencent Video (based on a 2.5x 2024E PS, at a premium to the 1.9x average PS of its peers given its content and user traffic leadership), and the valuation of other membership services (based on a 2.0x 2024E PS).
- 3) HK\$70.8 for the advertising business, based on a 18x 2024E PE, on par with the industry average.
- 4) HK\$96.0 for the fintech business, based on a 4.5x 2024E PS, at a premium to the peer average (2.0x). This mainly reflects Tencent's strong leadership in China's digital payment market and its potential to capture other fintech business opportunities.
- 5) HK\$20.8 for the cloud business, based on a 4.0x 2024E PS, at a discount to the industry average (5.8x) as Tencent's current offerings mainly come from the lower-margin laaS business.
- 6) HK\$62.4 for strategic investments, based on the current market value of Tencent's listed investments and the book value of its unlisted investments. We apply a 30% holding company discount to the fair value of Tencent's equity investments.
- 7) HK\$7.5 for net cash.

Figure 4: Tencent: SOTP valuation

	2024E net profit (RMBmn)	2024E revenue (RMBmn)	2024E PE (x)	2024E PS (x)	Market cap (RMBmn)	Valuation to Tencent (RMBmn)	As % of total valuation	Per share valuation (HK\$)
Online games	83,157		18x			1,496,835	38.2	171.9
Social network services (SNS)		123,911				184,223	4.7	21.2
Tencent Music (TME)					134,485	74,101	1.9	8.5
China Literature					23,549	13,936	0.4	1.6
Huya					7,431	3,522	0.1	0.4
Online video – subscription		20,700		2.5x		51,750	1.3	5.9
Others		20,456		2.0x		40,913	1.0	4.7
Online advertising	34,244		18x			616,396	15.7	70.8
Fintech		185,852		4.5x		836,333	21.3	96.0
Cloud (business services)		45,186		4.0x		180,745	4.6	20.8
Net cash						65,383	1.7	7.5
Valuation of core business						3,379,914		
RMB/HK\$						0.92		
Valuation of core business (HK\$mn)						3,673,820		
Valuation per share – core business (HK\$)						388.1		
Valuation per share – investments (HK\$)						62.4	13.9	
Valuation per share - Tencent (HK\$)						450.5		

Source: Company data, CMBIGM estimates



Figure 5: Peer comparison: online games and advertising sector

		Price	EPS growth (YoY	· %)	PE (x)	
Companies	Ticker	(Local)	FY24E	FY25E	FY24E	FY25E
Online games						
NetEase	NTES US	105.5	7	2	14	14
Electronic Arts	EA US	133.0	19	5	19	18
Take Two Interactive	TTWO US	145.2	(37)	166	NA	24
Nexon	3659 JP	2,590.5	(12)	17	20	17
Nintendo	7974 JP	8,358.0	16	(17)	22	26
Bandai Namco	7832 JP	2,891.0	(14)	23	24	19
Perfect World	002624 CH	12.2	65	20	17	15
37 Interactive	002555 CH	18.9	19	13	11	10
Average PE					18	18
Online advertising						
Focus Media	002027 CH	6.4	19	14	16	14
Baidu	BIDU US	104.2	(1)	10	10	9
Meta	Meta US	496.2	37	16	24	21
Google	GOOG US	147.9	17	15	21	18
Average PE					18	15

Source: Bloomberg, CMBIGM estimates Note: data as of the market close on 19 Mar

Figure 6: Peer comparison: online video, fintech, and cloud sectors

		Price	Revenue growth ()	(oY %)	PS (x)	
Companies	Ticker	(LC)	FY24E	FY25E	FY24E	FY25E
Online video						
*iQiyi	IQ US	4.0	7.1	6.9	0.8	0.7
Mango Excellent Media	300413 CH	25.0	11.7	10.6	2.9	2.6
Average PS					1.9	1.7
Cloud						
Microsoft	MSFT US	421.4	14.3	14.7	11.2	9.8
Google	GOOG US	147.9	12.8	17.6	6.4	5.4
Salesforce	CRM US	301.5	9.3	10.3	7.7	7.0
Kingsoft Cloud	KC US	3.2	8.2	12.7	0.8	0.7
Amazon	AMZN US	175.9	12.5	11.8	2.8	2.5
Average PS					5.8	5.1
Fintech						
PayPal	PYPL US	63.0	7.7	7.7	2.1	2.0
Square	SQ US	79.3	14.6	11.8	1.9	1.7
Average PS					2.0	1.9

Source: Bloomberg, CMBIGM estimates

Note: data as of the market close on 19 Mar; *Covered by Sophie Huang

Our calculation of the valuation of Tencent's strategic investments is based on the current market value of Tencent's listed investments and the book value of its unlisted investments. We apply a 30% holding company discount to the fair value of Tencent's equity investments.



Figure 7: Tencent: v	valuation of	f strategic investments
----------------------	--------------	-------------------------

PDD Holdings Inc PDD US 14.7 169,634 Sea Ltd SE US 18.5 31,733 *Kuaishou Technology 1024 HK 15.7 28,417 Spotfly Technology SA SPOT US 8.6 50,129 NU Holdings Ltd/Cayman Islands NU US 5.2 56,476 Snap Inc SNAP US 14.7 18,239 KE Holdings Inc BEKE US 11.0 17,603 Futu Holdings Ltd FUTU US 22.1 7,893 Meituan 3690 HK 1.7 69,971 Krafton Inc 259960 KS 13.5 8,527 JD.com Inc 259960 KS 13.5 8,527 JD.com Inc 9618 HK 2.7 42,666 *Tongcheng Travel Holdings Ltd 780 HK 20.9 5,376 Vipshop Holdings Ltd VIPS US 11.5 9,284 Warner Music Group Corp WMG US 4.9 17,126 Kanzhun Ltd BZ US 9.9 8,501 China International Capital Co 3908 HK	HK\$mn)
*Kuaishou Technology SA SPOT US 8.6 50,129 NU Holdings Ltd/Cayman Islands NU US 5.2 56,476 Snap Inc SNAP US 14.7 18,239 KE Holdings Inc BEKE US 11.0 17,603 Futu Holdings Ltd FUTU US 22.1 7,893 Meituan 3690 HK 1.7 69,971 Krafton Inc 259960 KS 13.5 8,527 JD.com Inc 9618 HK 2.7 42,666 *Tongcheng Travel Holdings Ltd VIPS US 11.5 9,284 Warner Music Group Corp WMG US 4.9 17,126 Kanzhun Ltd BZ US 9.9 8,501 China International Capital Co 3908 HK 4.5 16,413 Netmarble Corp 251270 KS 17.5 3,718 Bilibili Inc 9626 HK 10.4 4,861 Yixin Group Ltd 2858 HK 53.9 617 *Tuhu Car Inc 9680 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6600 HK 8.1 2,356 Kadokawa Corp 9468 JP 6.9 2,742 Paradox Intertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,664 Other listed entities as a whole Listed investments (current value)	194,502
Spotify Technology SA SPOT US 8.6 50,129 NU Holdings Ltd/Cayman Islands NU US 5.2 56,476 Snap Inc SNAP US 14.7 18,239 KE Holdings Inc BEKE US 11.0 17,603 Futu Holdings Ltd FUTU US 22.1 7,893 Meituan 3690 HK 1.7 69,971 Krafton Inc 259960 KS 13.5 8,527 JD.com Inc 9618 HK 2.7 42,666 *Tongcheng Travel Holdings Ltd 780 HK 20.9 5,376 Vipshop Holdings Ltd 780 HK 20.9 5,376 Vipshop Holdings Ltd 780 HK 20.9 5,376 Vipshop Holdings Ltd VIPS US 11.5 9,284 Warner Music Group Corp WMG US 4.9 17,126 Kanzhun Ltd BZ US 9.9 8,501 China International Capital Co 3908 HK 4.5 16,413 Netmarble Corp 251270 KS 17.5 3,718 Bilibili Inc <	45,766
NU Holdings Ltd/Cayman Islands NU US 5.2 56,476 Snap Inc SNAP US 14.7 18,239 KE Holdings Inc BEKE US 11.0 17,603 Futu Holdings Ltd FUTU US 22.1 7,893 Meituan 3690 HK 1.7 69,971 Krafton Inc 259960 KS 13.5 8,527 JD.com Inc 9618 HK 2.7 42,666 *Tongcheng Travel Holdings Ltd 780 HK 20.9 5,376 Vipshop Holdings Ltd VIPS US 11.5 9,284 Warner Music Group Corp WMG US 4.9 17,126 Kanzhun Ltd BZ US 9.9 8,501 China International Capital Co 3908 HK 4.5 16,413 Netmarble Corp 251270 KS 17.5 3,718 Bilibili Inc 9626 HK 10.4 4,861 Yixin Group Ltd 2858 HK 53.9 617 *Tuhu Car Inc 9690 HK 18.7 1,528 ZhongAn Online P&C Insurance C	34,711
Snap Inc SNAP US 14.7 18,239 KE Holdings Inc BEKE US 11.0 17,603 Futu Holdings Ltd FUTU US 22.1 7,893 Meituan 3690 HK 1.7 69,971 Krafton Inc 259960 KS 13.5 8,527 JD.com Inc 9618 HK 2.7 42,666 *Tongcheng Travel Holdings Ltd 780 HK 20.9 5,376 Vipshop Holdings Ltd VIPS US 11.5 9,284 Warner Music Group Corp WMG US 4.9 17,126 Kanzhun Ltd BZ US 9.9 8,501 China International Capital Co 3908 HK 4.5 16,413 Netmarble Corp 251270 KS 17.5 3,718 Bilibili Inc 9626 HK 10.4 4,861 Yixin Group Ltd 2858 HK 53.9 617 *Tuhu Car Inc 9690 HK 18.7 1,382 Maoyan Entertainment 1896 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6060 HK<	33,588
KE Holdings Inc BEKE US 11.0 17,603 Futu Holdings Ltd FUTU US 22.1 7,893 Meituan 3690 HK 1.7 69,971 Krafton Inc 259960 KS 13.5 8,527 JD.com Inc 9618 HK 2.7 42,666 *Tongcheng Travel Holdings Ltd 780 HK 20.9 5,376 Vipshop Holdings Ltd VIPS US 11.5 9,284 Warner Music Group Corp WMG US 4.9 17,126 Kanzhun Ltd BZ US 9.9 8,501 China International Capital Co 3908 HK 4.5 16,413 Netmarble Corp 251270 KS 17.5 3,718 Bilibili Inc 9626 HK 10.4 4,861 Yixin Group Ltd 2858 HK 53.9 617 *Tuhu Car Inc 9690 HK 18.7 1,382 Maoyan Entertainment 1896 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6060 HK 8.1 2,356 Kadokawa Corp 9488	22,951
Futu Holdings Ltd FUTU US 22.1 7,893 Meituan 3690 HK 1.7 69,971 Krafton Inc 259960 KS 13.5 8,527 JD.com Inc 9618 HK 2.7 42,666 *Tongcheng Travel Holdings Ltd 780 HK 20.9 5,376 Vipshop Holdings Ltd VIPS US 11.5 9,284 Warner Music Group Corp WMG US 4.9 17,126 Kanzhun Ltd BZ US 9.9 8,501 China International Capital Co 3908 HK 4.5 16,413 Netmarble Corp 251270 KS 17.5 3,718 Bilibili Inc 9626 HK 10.4 4,861 Yixin Group Ltd 2858 HK 53.9 617 *Tuhu Car Inc 9690 HK 18.7 1,382 Maoyan Entertainment 1886 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6060 HK 8.1 2,356 Kadokawa Corp 9468 JP 6.9 2,742 Paradox Interactive AB	20,942
Meituan 3690 HK 1.7 69,971 Krafton Inc 259960 KS 13.5 8,527 JD.com Inc 9618 HK 2.7 42,666 *Tongcheng Travel Holdings Ltd 780 HK 20.9 5,376 Vipshop Holdings Ltd VIPS US 11.5 9,284 Warner Music Group Corp WMG US 4.9 17,126 Kanzhun Ltd BZ US 9.9 8,501 China International Capital Co 3908 HK 4.5 16,413 Netmarble Corp 251270 KS 17.5 3,718 Bilibili Inc 9626 HK 10.4 4,861 Yixin Group Ltd 2858 HK 53.9 617 *Tuhu Car Inc 9690 HK 18.7 1,382 Maoyan Entertainment 1896 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6060 HK 8.1 2,356 Kadokawa Corp 9468 JP 6.9 2,742 Paradox Interactive AB PDX SS 9.1 1,866 Lilium NV LILM US <td>15,048</td>	15,048
Krafton Inc 259960 KS 13.5 8,527 JD.com Inc 9618 HK 2.7 42,666 *Tongcheng Travel Holdings Ltd 780 HK 20.9 5,376 Vipshop Holdings Ltd VIPS US 11.5 9,284 Warner Music Group Corp WMG US 4.9 17,126 Kanzhun Ltd BZ US 9.9 8,501 China International Capital Co 3908 HK 4.5 16,413 Netmarble Corp 251270 KS 17.5 3,718 Billibil Inc 9626 HK 10.4 4,861 Yixin Group Ltd 2858 HK 53.9 617 *Tuhu Car Inc 9690 HK 18.7 1,382 Maoyan Entertainment 1896 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6060 HK 8.1 2,356 Kadokawa Corp 9468 JP 6.9 2,742 Paradox Interactive AB PDX SS 9.1 1,866 Lilium NV LILM US 29.3 533 Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 0	13,607
JD.com Inc 9618 HK 2.7 42,666 *Tongcheng Travel Holdings Ltd 780 HK 20.9 5,376 Vipshop Holdings Ltd VIPS US 11.5 9,284 Warner Music Group Corp WMG US 4.9 17,126 Kanzhun Ltd BZ US 9.9 8,501 China International Capital Co 3908 HK 4.5 16,413 Netmarble Corp 251270 KS 17.5 3,718 Billibil Inc 9626 HK 10.4 4,861 Yixin Group Ltd 2858 HK 53.9 617 *Tuhu Car Inc 9690 HK 18.7 1,382 Maoyan Entertainment 1896 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6060 HK 8.1 2,356 Kadokawa Corp 9468 JP 6.9 2,742 Paradox Interactive AB PDX SS 9.1 1,866 Lilium NV LILM US 29.3 533 Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a wh	9,387
*Tongcheng Travel Holdings Ltd 780 HK 20.9 5,376 Vipshop Holdings Ltd VIPS US 11.5 9,284 Warner Music Group Corp WMG US 4.9 17,126 Kanzhun Ltd BZ US 9.9 8,501 China International Capital Co 3908 HK 4.5 16,413 Netmarble Corp 251270 KS 17.5 3,718 Bilibili Inc 9626 HK 10.4 4,861 Yixin Group Ltd 2858 HK 53.9 617 *Tuhu Car Inc 9690 HK 18.7 1,382 Maoyan Entertainment 1896 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6060 HK 8.1 2,356 Kadokawa Corp 9468 JP 6.9 2,742 Paradox Interactive AB PDX SS 9.1 1,866 Lilium NV LILM US 29.3 533 Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a whole Listed investments (current value)	8,972
Vipshop Holdings Ltd VIPS US 11.5 9,284 Warner Music Group Corp WMG US 4.9 17,126 Kanzhun Ltd BZ US 9.9 8,501 China International Capital Co 3908 HK 4.5 16,413 Netmarble Corp 251270 KS 17.5 3,718 Bilibili Inc 9626 HK 10.4 4,861 Yixin Group Ltd 2858 HK 53.9 617 *Tuhu Car Inc 9690 HK 18.7 1,382 Maoyan Entertainment 1896 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6060 HK 8.1 2,356 Kadokawa Corp 9468 JP 6.9 2,742 Paradox Interactive AB PDX SS 9.1 1,866 Lilium NV LILM US 29.3 533 Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a whole 35,104	8,852
Warner Music Group Corp WMG US 4.9 17,126 Kanzhun Ltd BZ US 9.9 8,501 China International Capital Co 3908 HK 4.5 16,413 Netmarble Corp 251270 KS 17.5 3,718 Bilibili Inc 9626 HK 10.4 4,861 Yixin Group Ltd 2858 HK 53.9 617 *Tuhu Car Inc 9690 HK 18.7 1,382 Maoyan Entertainment 1896 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6060 HK 8.1 2,356 Kadokawa Corp 9468 JP 6.9 2,742 Paradox Interactive AB PDX SS 9.1 1,866 Lilium NV LILM US 29.3 533 Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a whole 35,104 Listed investments (current value)	8,776
Kanzhun Ltd BZ US 9.9 8,501 China International Capital Co 3908 HK 4.5 16,413 Netmarble Corp 251270 KS 17.5 3,718 Bilibili Inc 9626 HK 10.4 4,861 Yixin Group Ltd 2858 HK 53.9 617 *Tuhu Car Inc 9690 HK 18.7 1,382 Maoyan Entertainment 1896 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6060 HK 8.1 2,356 Kadokawa Corp 9468 JP 6.9 2,742 Paradox Interactive AB PDX SS 9.1 1,866 Lilium NV LILM US 29.3 533 Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a whole 35,104	8,342
China International Capital Co 3908 HK 4.5 16,413 Netmarble Corp 251270 KS 17.5 3,718 Bilibili Inc 9626 HK 10.4 4,861 Yixin Group Ltd 2858 HK 53.9 617 *Tuhu Car Inc 9690 HK 18.7 1,382 Maoyan Entertainment 1896 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6060 HK 8.1 2,356 Kadokawa Corp 9468 JP 6.9 2,742 Paradox Interactive AB PDX SS 9.1 1,866 Lilium NV LILM US 29.3 533 Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a whole 35,104	6,572
Netmarble Corp 251270 KS 17.5 3,718 Bilibili Inc 9626 HK 10.4 4,861 Yixin Group Ltd 2858 HK 53.9 617 *Tuhu Car Inc 9690 HK 18.7 1,382 Maoyan Entertainment 1896 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6060 HK 8.1 2,356 Kadokawa Corp 9468 JP 6.9 2,742 Paradox Interactive AB PDX SS 9.1 1,866 Lilium NV LILM US 29.3 533 Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a whole 35,104	6,545
Bilibili Inc 9626 HK 10.4 4,861 Yixin Group Ltd 2858 HK 53.9 617 *Tuhu Car Inc 9690 HK 18.7 1,382 Maoyan Entertainment 1896 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6060 HK 8.1 2,356 Kadokawa Corp 9468 JP 6.9 2,742 Paradox Interactive AB PDX SS 9.1 1,866 Lilium NV LILM US 29.3 533 Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a whole 35,104 Listed investments (current value) 35,104	5,735
Yixin Group Ltd 2858 HK 53.9 617 *Tuhu Car Inc 9690 HK 18.7 1,382 Maoyan Entertainment 1896 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6060 HK 8.1 2,356 Kadokawa Corp 9468 JP 6.9 2,742 Paradox Interactive AB PDX SS 9.1 1,866 Lilium NV LILM US 29.3 533 Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a whole 35,104 Listed investments (current value) 35,104	5,081
*Tuhu Car Inc 9690 HK 18.7 1,382 Maoyan Entertainment 1896 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6060 HK 8.1 2,356 Kadokawa Corp 9468 JP 6.9 2,742 Paradox Interactive AB PDX SS 9.1 1,866 Lilium NV LILM US 29.3 533 Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a whole 35,104 Listed investments (current value)	3,940
Maoyan Entertainment 1896 HK 13.7 1,528 ZhongAn Online P&C Insurance C 6060 HK 8.1 2,356 Kadokawa Corp 9468 JP 6.9 2,742 Paradox Interactive AB PDX SS 9.1 1,866 Lilium NV LILM US 29.3 533 Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a whole 35,104 Listed investments (current value) 35,104	2,593
ZhongAn Online P&C Insurance C 6060 HK 8.1 2,356 Kadokawa Corp 9468 JP 6.9 2,742 Paradox Interactive AB PDX SS 9.1 1,866 Lilium NV LILM US 29.3 533 Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a whole 35,104 Listed investments (current value) 35,104	2,015
Kadokawa Corp 9468 JP 6.9 2,742 Paradox Interactive AB PDX SS 9.1 1,866 Lilium NV LILM US 29.3 533 Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a whole 35,104 Listed investments (current value) 35,104	1,637
Paradox Interactive AB PDX SS 9.1 1,866 Lilium NV LILM US 29.3 533 Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a whole 35,104 Listed investments (current value)	1,487
Lilium NV LILM US 29.3 533 Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a whole 35,104 Listed investments (current value)	1,467
Ubisoft Entertainment SA UBI FP 5.5 2,613 DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a whole 35,104 Listed investments (current value)	1,326
DHC Software Co Ltd 002065 CH 4.9 2,649 Other listed entities as a whole 35,104 Listed investments (current value)	1,219
Other listed entities as a whole 35,104 Listed investments (current value)	1,113
Listed investments (current value)	1,013
·	9,694
Unlisted investments (back value)	476,881
Unlisted investments (book value)	366,630
Total investment value	843,511
Holdco discount	30%
Valuation of strategic investments	590,458
Valuation of strategic investments per share	62.4

Source: Bloomberg, company data, CMBIGM estimates
Note: data as of the market close on 19 Mar; *Covered by Sophie Huang



Financial Summary

INCOME STATEMENT	2021A	2022A	2023A	2024E	2025E	2026E
YE 31 Dec (RMB mn)						
Revenue	560,118	554,552	609,015	663,725	717,483	762,698
Cost of goods sold	(314,174)	(315,806)	(315,906)	(335,842)	(359,115)	(377,024)
Gross profit	245,944	238,746	293,109	327,883	358,368	385,674
Operating expenses	19,026	(127,919)	(133,035)	(147,815)	(157,164)	(164,945)
Selling expense	(40,594)	(29,229)	(34,211)	(38,496)	(41,614)	(44,236)
Admin expense	(89,847)	(106,696)	(103,525)	(114,161)	(120,537)	(125,845)
Others	149,467	8,006	4,701	4,842	4,987	5,137
Operating profit	264,970	110,827	160,074	180,068	201,204	220,729
Share of (losses)/profits of associates/JV	(16,444)	(16,129)	5,800	5,800	5,800	1,523
Interest income	6,650	8,592	13,808	14,550	16,440	3,506
Interest expense	(7,114)	(9,352)	(12,268)	0	0	0
Pre-tax profit	241,412	85,346	153,606	185,868	207,004	222,252
Income tax	(20,252)	(21,516)	(43,276)	(43,998)	(49,398)	(54,009)
After tax profit	221,160	63,830	110,330	141,870	157,606	168,243
Minority interest	(2,988)	(466)	(2,832)	(3,636)	(4,082)	(4,463)
Net profit	218,172	63,364	107,498	138,234	153,524	163,780
Adjusted net profit	123,788	115,649	157,688	193,195	212,767	229,501
Gross dividends	12,704	20,256	28,485	34,020	38,195	0
BALANCE SHEET	2021A	2022A	2023A	2024E	2025E	2026E
YE 31 Dec (RMB mn)						
Current assets	484,812	565,989	518,446	602,971	729,394	888,907
Cash & equivalents	167,966	156,739	172,320	225,720	289,475	394,877
Account receivables	49,331	45,467	46,606	50,999	53,476	55,140
Inventories	1,063	2,333	456	1,925	2,040	2,125
Prepayment	65,390	76,685	88,411	82,503	86,510	91,896
ST bank deposits	83,813	104,776	185,983	225,155	271,628	326,573
Financial assets at FVTPL	10,573	27,963	14,903	15,648	16,431	17,252
Other current assets	106,676	152,026	9,767	1,021	9,835	1,044
Non-current assets	1,127,552	1,012,142	1,058,800	1,122,518	1,192,242	1,243,804
PP&E	61,914	53,978	53,232	73,559	89,085	100,900
Deferred income tax	26,068	29,882	29,017	25,447	33,428	29,157
Investment in JVs & assos	323,188	252,715	261,665	273,109	284,919	297,084
Intangibles	171,376	161,802	177,727	206,745	233,331	256,988
Financial assets at FVTPL	192,184	206,085	211,145	211,145	211,145	211,145
Other non-current assets	352,822	307,680	326,014	332,513	340,333	348,529
Total assets	1,612,364	1,578,131	1,577,246	1,725,488	1,921,636	2,132,711
Current liabilities	403,098	434,204	352,157	336,388	361,203	386,110
Short-term borrowings	19,003	22,026	55,698	17,992	19,238	20,198
Account payables	109,470	92,381	100,948	102,756	108,778	117,229
Tax payable	12,506	13,488	17,664	14,427	15,118	15,555
Other current liabilities	256,673	299,955	171,693	195,059	211,914	226,975
Lease liabilities	5,446	6,354	6,154	6,154	6,154	6,154
Non-current liabilities	332,573	361,067	351,408	371,986	383,719	396,435
Long-term borrowings	136,936	163,668	155,819	156,074	156,150	156,173
Bond payables	145,590	148,669	137,101	139,672	140,981	141,642
Deferred income	4,526	3,503	3,435	13,434	14,365	15,081
Other non-current liabilities	45,521	45,227	55,053	62,807	72,223	83,539
Total liabilities	735,671	795,271	703,565	708,374	744,922	782,546
Retained earnings	669,911	705,981	813,911	953,709	1,109,226	1,278,214
Other reserves	136,388	15,410	(5,320)	(5,320)	(5,320)	(5,320)
Total shareholders equity	806,299	721,391	808,591	948,389	1,103,906	1,272,894
Minority interest	70,394	61,469	65,090	68,726	72,808	77,271
Total equity and liabilities	1,612,364	1,578,131	1,577,246	1,725,488	1,921,636	2,132,711



CASH FLOW 2021A 2022A 2023A 2024E 2025E 2026E VE 31 Dac (RIMB mn) Coperating						A Whelly Owned	A Wholly Owned Subsidiary Of China Merchania Far		
	CASH FLOW	2021A	2022A	2023A	2024E	2025E	2026E		
Pofit before taxation	YE 31 Dec (RMB mn)								
Depreciation & mortization 5.8,18	Operating								
Tax pair (20,82) (21,516) (43,276) (43,976)	Profit before taxation	241,412	85,346	153,606	185,868	207,004	222,252		
Change in working capital (2,844) (28,405) 16,616 2.219 16,279 16,376 Others (39,948) 50,437 38,973 14,500 262,589 289,205 Investing Use an expenditure (34,931) (33,892) (36,477) (38,958) (41,271) (42,985) Capital expenditure (34,931) (33,892) (36,477) (45,543) (41,271) (42,985) Acquisition of subsidiaries investments (17,642) 59,711 (105,332) (45,543) (43,271) (63,065) Net proceeds from disposal of short-term investing (130,690) 16,648 (90,007) (73,104) (76,157) Others (25,976) (130,690) 16,648 (90,007) (73,104) (76,157) Net torrowing 45,239 31,982 30,834 (30,364) 12,740 133,930 Proceeds from share issues 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Depreciation & amortization	56,818	60,230	55,298	58,620	72,263	83,679		
Oheres (89,948) 50,437 39,673 14,560 16,901 221,962 26,0259 262,589 289,205 Investing 146,091 221,962 221,962 240,259 262,589 289,205 Acquisition of subdisdinies/ imestments (117,642) 59,711 (105,332) (45,543) (41,271) (42,985) Acquisition of subdisdinies/ imestments (117,642) 59,711 (105,332) (45,543) (41,271) (42,985) Net proceeds from disposal of short-term in control imestments (25,976) (130,680) 16,648 (80,007) (73,104) (76,157) Net cash from investing 45,299 31,982 30,834 (30,364) 12,740 133,96 Proceeds from where issues 0 0 0 0 0 0 0 0 0 0 0 13,366 14,830 14,830 14,830 14,830 14,830 14,830 14,830 14,830 14,830 14,830 14,830 14,830 14,830 14,830 14,830	Tax paid	(20,252)	(21,516)	(43,276)	(43,998)	(49,398)	(54,009)		
Net cash from operations	Change in working capital	(2,844)	(28,405)	16,661	25,219	16,279	16,376		
Capital expenditure	Others	(99,948)	50,437	39,673	14,550	16,440	20,907		
Capilat expenditure (34,931) (33,892) (36,477) (38,958) (41,271) (42,995) (63,065) (62,077) (73,104) (76,157) (76,157) (76,157) (76,157) (76,157) (76,157) (76,157) (76,157) (73,104) (76,157) (73,104) (76,157) (73,104) (76,157) (71,069) (63,065) (30,084) (30,084) 12,740 13,336 (30,084) 12,740 11,982 (76,060) 13,333	Net cash from operations	175,186	146,091	221,962	240,259	262,589	289,205		
Acquisition of subsidiaries/ investments (117,642) 59,711 (105,332) (45,543) (83,882) (63,065) Net proceeds from disposal of short-term investing 0	Investing								
Net proceeds from disposal of short-term investments investments investments (25,976) (130,690) 16,648 (69,007) (73,104) (76,157) Net cash from investing (178,549) (104,871) (125,161) (153,508) (198,088) (182,217) Financing Financing Net borrowings 45,239 31,982 30,834 (30,364) 12,740 13,396 Proceeds from share issues 0	Capital expenditure	(34,931)	(33,892)	(36,477)	(38,958)	(41,271)	(42,995)		
Investments	Acquisition of subsidiaries/ investments	(117,642)	59,711	(105,332)	(45,543)	(83,682)	(63,065)		
The standard The		0	0	0	0	0	0		
Net cash from investing 178,549 104,871 125,161 175,508 1798,058 182,217			(420,600)	16.640	(60,007)		(76.157)		
Prinancing Prinancing Proceeds from share issues Proceeds from sha		,	,	,			, ,		
Net borrowings	Net cash from investing	(176,549)	(104,671)	(125,161)	(155,506)	(196,056)	(102,217)		
Proceeds from share issues 0 1 1 2<	Financing								
Others Net cash from financing (23,619) (91,935) (113,407) (2,988) (13,516) (14,982) Net cash from financing 21,620 (59,953) (82,573) (33,351) (776) (1,586) Net change in cash Security of the year 152,798 167,966 156,739 172,320 225,720 289,475 284,877 284,877 286,877 289,475 394,877 286,477 289,475 394,877	Net borrowings		31,982	30,834	(30,364)	,	13,396		
Net cash from financing 21,620 (59,953) (82,573) (33,351) (776) (1,586) Net change in cash Cash at the beginning of the year 152,798 167,966 156,739 172,320 225,720 289,475 Exchange difference (3,089) 7,506 1,353 0 0 289,475 394,877 GROWTH 2021A 2022A 2023A 2024E 2025E 2026E YE 31 De Revenue 16.2% (1.0%) 9.8% 9.0% 8.1% 6.3% Gross profit 11.0% (2.9%) 22.8% 11.9% 9.3% 7.6% Operating profit 49.5% (58.2%) 44.4% 12.5% 11.1% 9.7% Net profit 42.7% (71.0%) 69.7% 28.6% 11.1% 6.7% Agi, net profit 42.7% (71.0%) 69.7% 28.6% 11.1% 6.7% PROFITABILITY 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
Net change in cash Cash at the beginning of the year 152,798 167,966 156,739 172,320 225,720 289,475 Exchange difference (3,089) 7,506 1,353 0 0 0 Cash at the end of the year 167,966 156,739 172,320 225,720 289,475 394,877 GROWTH 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec Revenue 16.2% (1.0%) 9.8% 9.0% 8.1% 6.3% Gross profit 11.0% (2.9%) 22.8% 11.9% 9.9% 7.6% Operating profit 49.5% (58.2%) 44.4% 11.5% 11.1% 6.7% Net profit 42.7% (71.0%) 69.7% 28.6% 11.1% 6.7% Adj. net profit 42.7% (71.0%) 69.7% 28.6% 11.1% 6.7% PROFITABILITY 2021A 2022A 2023A 2024E 2025E 2026E	Others	,	(91,935)	(113,407)	(2,988)		(14,982)		
Cash at the beginning of the year 152,798 167,966 156,739 172,320 225,720 289,475 Exchange difference (3,089) 7,506 1,353 0 0 0 0 Cash at the end of the year 167,966 156,399 172,320 225,720 289,475 394,877 CROWTH 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec Revenue 16.2% (1.0%) 9.8% 9.0% 8.1% 6.3% Gross profit 11.0% (2.9%) 22.8% 11.9% 9.3% 7.6% Operating profit 49.5% (58.2%) 44.4% 12.5% 11.7% 9.7% Net profit 42.7% (71.0%) 69.7% 28.6% 111.1% 6.7% Adj. net profit margin 43.9% 43.1% 48.1% 49.4% 49.9% 50.6% Gross profit margin 43.9% 43.1% 48.1% 49.4% 49.9% 50.6% Operating margin <	Net cash from financing	21,620	(59,953)	(82,573)	(33,351)	(776)	(1,586)		
Exchange difference (3,089) 7,506 1,353 0 0 0 0 0 Cash at the end of the year 167,966 156,739 172,320 225,720 289,475 394,877 CROWTH 2021A 2022A 2023A 2024E 2025E 2026E VE 31 Dec VE 31	Net change in cash								
Cash at the end of the year 167,966 156,739 172,320 225,720 289,475 394,877 CROWTH 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec Fevenue 16.2% (1.0%) 9.8% 9.0% 8.1% 6.3% Gross profit 11.0% (2.9%) 22.8% 11.9% 9.3% 7.6% Operating profit 49.5% (58.2%) 44.4% 12.5% 11.7% 9.7% Net profit 49.5% (58.2%) 44.4% 12.5% 11.1% 6.7% Adj. net profit 9.8% 6.6% 36.4% 22.5% 11.1% 6.7% PROFITABILITY 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec 43.9% 43.1% 48.1% 49.4% 49.9% 50.6% Operating margin 47.3% 20.0% 26.3% 27.1% 28.0% 28.9% Return on equity (ROE) 28.9% 8.3% <th< td=""><td></td><td>152,798</td><td>167,966</td><td>156,739</td><td>172,320</td><td>225,720</td><td>289,475</td></th<>		152,798	167,966	156,739	172,320	225,720	289,475		
GROWTH 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec Revenue 16 2% (1.0%) 9.8% 9.0% 8.1% 6.3% Gross profit 11.0% (2.9%) 22.8% 11.9% 9.3% 7.6% Operating profit 49.5% (58.2%) 44.4% 12.5% 11.7% 9.7% Net profit 42.7% (71.0%) 69.7% 28.6% 11.1% 6.7% Adj. net profit 0.9% (6.6%) 36.4% 22.5% 10.1% 7.9% PROFITABILITY 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec 7 43.9% 43.1% 48.1% 49.4% 49.9% 50.6% Operating margin 47.3% 20.0% 26.3% 27.1% 28.0% 28.9% Adj. net profit margin 22.1% 20.9% 25.9% 29.1% 29.7% 30.1% Return on equity (ROE) 28.9% 8.3%	Exchange difference	(3,089)	7,506	1,353	0	0	0		
YE 31 Dec Revenue 16.2% (1.0%) 9.8% 9.0% 8.1% 6.3% Gross profit 11.0% (2.9%) 22.8% 11.9% 9.3% 7.6% Operating profit 49.5% (58.2%) 44.4% 12.5% 11.7% 9.7% Net profit 42.7% (71.0%) 69.7% 28.6% 11.1% 6.7% Adj. net profit 0.9% (6.6%) 36.4% 22.5% 10.1% 7.9% PROFITABILITY 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec 2 43.9% 43.1% 48.1% 49.4% 49.9% 50.6% Operating margin 47.3% 20.0% 26.3% 27.1% 28.0% 28.9% Return on equity (ROE) 28.9% 8.3% 14.1% 15.7% 15.0% 13.8% GEARING/LIQUIDITY/ACTIVITIES 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec 1.2 1.3 1.5	Cash at the end of the year	167,966	156,739	172,320	225,720	289,475	394,877		
Revenue 16.2% (1.0%) 9.8% 9.0% 8.1% 6.3% Gross profit 11.0% (2.9%) 22.8% 11.9% 9.3% 7.6% Operating profit 49.5% (58.2%) 44.4% 12.5% 11.7% 9.7% Net profit 42.7% (71.0%) 69.7% 68.6% 11.1% 6.7% Adj. net profit 0.9% (6.6%) 36.4% 22.5% 10.1% 7.9% PROFITABILITY 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec 3.3% 43.1% 48.1% 49.4% 49.9% 50.6% Operating margin 43.9% 43.1% 48.1% 49.4% 49.9% 50.6% Adj. net profit margin 22.1% 20.9% 25.9% 29.1% 29.7% 30.1% Return on equity (ROE) 28.9% 8.3% 14.1% 15.7% 15.0% 13.8% YE 31 Dec 2021A 2022A 2023A 2024E 2025E	GROWTH	2021A	2022A	2023A	2024E	2025E	2026E		
Gross profit 11.0% (2.9%) 22.8% 11.9% 9.3% 7.6% Operating profit 49.5% (58.2%) 44.4% 12.5% 11.7% 9.7% Net profit 42.7% (71.0%) 69.7% 28.6% 11.1% 6.7% Adj. net profit 0.9% (6.6%) 36.4% 22.5% 10.1% 7.9% PROFITABILITY 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec 43.9% 43.1% 48.1% 49.4% 49.9% 50.6% Operating margin 47.3% 20.0% 26.3% 27.1% 28.0% 28.9% Adj. net profit margin 22.1% 20.9% 25.9% 29.1% 29.7% 30.1% Return on equity (ROE) 28.9% 8.3% 14.1% 15.7% 15.0% 13.8% GEARING/LIQUIDITY/ACTIVITIES 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec 1.2 1.3 1.5 1.8	YE 31 Dec								
Operating profit 49.5% (58.2%) 44.4% 12.5% 11.7% 9.7% Net profit 42.7% (71.0%) 69.7% 28.6% 11.1% 6.7% Adj. net profit 0.9% (6.6%) 36.4% 22.5% 10.1% 7.9% PROFITABILITY 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec Gross profit margin 43.9% 43.1% 48.1% 49.4% 49.9% 50.6% Operating margin 47.3% 20.0% 26.3% 27.1% 28.0% 28.9% Adj. net profit margin 22.1% 20.9% 25.9% 29.1% 29.7% 30.1% Return on equity (ROE) 28.9% 8.3% 14.1% 15.7% 15.0% 13.8% GEARING/LIQUIDITY/ACTIVITIES 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec VALUATION 2021A 2022A 20.2 0.1 0.0 0.1 0.2	Revenue	16.2%	(1.0%)	9.8%	9.0%	8.1%	6.3%		
Net profit 42.7% (71.0%) 69.7% 28.6% 11.1% 6.7% Adj. net profit 0.9% (6.6%) 36.4% 22.5% 10.1% 7.9% PROFITABILITY 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec The profit margin 43.9% 43.1% 48.1% 49.4% 49.9% 50.6% Operating margin 47.3% 20.0% 26.3% 27.1% 28.0% 28.9% Adj. net profit margin 22.1% 20.9% 25.9% 29.1% 29.7% 30.1% Return on equity (ROE) 28.9% 8.3% 14.1% 15.7% 15.0% 13.8% GEARING/LIQUIDITY/ACTIVITIES 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec 2021A 2022 0.2 0.1 0.0 (0.1) Current ratio (x) 1.2 1.3 1.5 1.8 2.0 2.3 Receivable turnover days 32.1 29.9 <th< td=""><td>Gross profit</td><td>11.0%</td><td>(2.9%)</td><td>22.8%</td><td>11.9%</td><td>9.3%</td><td>7.6%</td></th<>	Gross profit	11.0%	(2.9%)	22.8%	11.9%	9.3%	7.6%		
Adj. net profit 0.9% (6.6%) 36.4% 22.5% 10.1% 7.9% PROFITABILITY 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec Gross profit margin 43.9% 43.1% 48.1% 49.4% 49.9% 50.6% Operating margin 47.3% 20.0% 26.3% 27.1% 28.0% 28.9% Adj. net profit margin 22.1% 20.9% 25.9% 29.1% 29.7% 30.1% Return on equity (ROE) 28.9% 8.3% 14.1% 15.7% 15.0% 13.8% GEARING/LIQUIDITY/ACTIVITIES 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec Vectodebt to equity (x) 0.2 0.2 0.2 0.1 0.0 (0.1) Current ratio (x) 1.2 1.3 1.5 1.8 2.0 2.3 Receivable turnover days 32.1 29.9 27.9 28.0 27.2 26.4 YE 31 Dec 2024A	Operating profit	49.5%	(58.2%)	44.4%	12.5%	11.7%	9.7%		
PROFITABILITY 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec Gross profit margin 43.9% 43.1% 48.1% 49.4% 49.9% 50.6% Operating margin 47.3% 20.0% 26.3% 27.1% 28.0% 28.9% Adj. net profit margin 22.1% 20.9% 25.9% 29.1% 29.7% 30.1% Return on equity (ROE) 28.9% 8.3% 14.1% 15.7% 15.0% 13.8% GEARING/LIQUIDITY/ACTIVITIES 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec Vet debt to equity (x) 0.2 0.2 0.2 0.1 0.0 (0.1) Current ratio (x) 1.2 1.3 1.5 1.8 2.0 2.3 Receivable turnover days 32.1 29.9 27.9 28.0 27.2 26.4 VALUATION 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec P/E	Net profit	42.7%	(71.0%)	69.7%	28.6%	11.1%	6.7%		
YE 31 Dec Gross profit margin 43.9% 43.1% 48.1% 49.4% 49.9% 50.6% Operating margin 47.3% 20.0% 26.3% 27.1% 28.0% 28.9% Adj. net profit margin 22.1% 20.9% 25.9% 29.1% 29.7% 30.1% Return on equity (ROE) 28.9% 8.3% 14.1% 15.7% 15.0% 13.8% GEARING/LIQUIDITY/ACTIVITIES 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec Net debt to equity (x) 0.2 0.2 0.2 0.1 0.0 (0.1) Current ratio (x) 1.2 1.3 1.5 1.8 2.0 2.3 Receivable turnover days 32.1 29.9 27.9 28.0 27.2 26.4 VALUATION 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec P/E 18.7 41.9 26.8 1	Adj. net profit	0.9%	(6.6%)	36.4%	22.5%	10.1%	7.9%		
Gross profit margin 43.9% 43.1% 48.1% 49.4% 49.9% 50.6% Operating margin 47.3% 20.0% 26.3% 27.1% 28.0% 28.9% Adj. net profit margin 22.1% 20.9% 25.9% 29.1% 29.7% 30.1% Return on equity (ROE) 28.9% 8.3% 14.1% 15.7% 15.0% 13.8% GEARING/LIQUIDITY/ACTIVITIES 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec Net debt to equity (x) 0.2 0.2 0.1 0.0 (0.1) Current ratio (x) 1.2 1.3 1.5 1.8 2.0 2.3 Receivable turnover days 32.1 29.9 27.9 28.0 27.2 26.4 YE 31 Dec P/E (diluted) 18.7 41.9 26.8 18.2 16.4 15.3 P/E (diluted) 19.0 42.5 27.2 18.5 16.6 15.6 </td <td>PROFITABILITY</td> <td>2021A</td> <td>2022A</td> <td>2023A</td> <td>2024E</td> <td>2025E</td> <td>2026E</td>	PROFITABILITY	2021A	2022A	2023A	2024E	2025E	2026E		
Operating margin 47.3% 20.0% 26.3% 27.1% 28.0% 28.9% Adj. net profit margin 22.1% 20.9% 25.9% 29.1% 29.7% 30.1% Return on equity (ROE) 28.9% 8.3% 14.1% 15.7% 15.0% 13.8% GEARING/LIQUIDITY/ACTIVITIES 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec Net debt to equity (x) 0.2 0.2 0.2 0.1 0.0 (0.1) Current ratio (x) 1.2 1.3 1.5 1.8 2.0 2.3 Receivable turnover days 32.1 29.9 27.9 28.0 27.2 26.4 YE 31 Dec P/E 18.7 41.9 26.8 18.2 16.4 15.3 P/E (diluted) 19.0 42.5 27.2 18.5 16.6 15.6	YE 31 Dec								
Adj. net profit margin 22.1% 20.9% 25.9% 29.1% 29.7% 30.1% Return on equity (ROE) 28.9% 8.3% 14.1% 15.7% 15.0% 13.8% GEARING/LIQUIDITY/ACTIVITIES 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec Net debt to equity (x) 0.2 0.2 0.2 0.1 0.0 (0.1) Current ratio (x) 1.2 1.3 1.5 1.8 2.0 2.3 Receivable turnover days 32.1 29.9 27.9 28.0 27.2 26.4 VALUATION 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec P/E 18.7 41.9 26.8 18.2 16.4 15.3 P/E (diluted) 19.0 42.5 27.2 18.5 16.6 15.6	Gross profit margin	43.9%	43.1%	48.1%	49.4%	49.9%	50.6%		
Return on equity (ROE) 28.9% 8.3% 14.1% 15.7% 15.0% 13.8% GEARING/LIQUIDITY/ACTIVITIES 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec Net debt to equity (x) 0.2 0.2 0.2 0.1 0.0 (0.1) Current ratio (x) 1.2 1.3 1.5 1.8 2.0 2.3 Receivable turnover days 32.1 29.9 27.9 28.0 27.2 26.4 VALUATION 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec 7E 18.7 41.9 26.8 18.2 16.4 15.3 P/E (diluted) 19.0 42.5 27.2 18.5 16.6 15.6	Operating margin	47.3%	20.0%	26.3%	27.1%	28.0%	28.9%		
GEARING/LIQUIDITY/ACTIVITIES 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec Net debt to equity (x) 0.2 0.2 0.1 0.0 (0.1) Current ratio (x) 1.2 1.3 1.5 1.8 2.0 2.3 Receivable turnover days 32.1 29.9 27.9 28.0 27.2 26.4 VALUATION 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec P/E 18.7 41.9 26.8 18.2 16.4 15.3 P/E (diluted) 19.0 42.5 27.2 18.5 16.6 15.6	Adj. net profit margin	22.1%	20.9%	25.9%	29.1%	29.7%	30.1%		
YE 31 Dec Net debt to equity (x) 0.2 0.2 0.2 0.1 0.0 (0.1) Current ratio (x) 1.2 1.3 1.5 1.8 2.0 2.3 Receivable turnover days 32.1 29.9 27.9 28.0 27.2 26.4 VALUATION 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec P/E 18.7 41.9 26.8 18.2 16.4 15.3 P/E (diluted) 19.0 42.5 27.2 18.5 16.6 15.6	Return on equity (ROE)	28.9%	8.3%	14.1%	15.7%	15.0%	13.8%		
Net debt to equity (x) 0.2 0.2 0.2 0.1 0.0 (0.1) Current ratio (x) 1.2 1.3 1.5 1.8 2.0 2.3 Receivable turnover days 32.1 29.9 27.9 28.0 27.2 26.4 VALUATION 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec P/E 18.7 41.9 26.8 18.2 16.4 15.3 P/E (diluted) 19.0 42.5 27.2 18.5 16.6 15.6	GEARING/LIQUIDITY/ACTIVITIES	2021A	2022A	2023A	2024E	2025E	2026E		
Current ratio (x) 1.2 1.3 1.5 1.8 2.0 2.3 Receivable turnover days 32.1 29.9 27.9 28.0 27.2 26.4 VALUATION 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec P/E 18.7 41.9 26.8 18.2 16.4 15.3 P/E (diluted) 19.0 42.5 27.2 18.5 16.6 15.6	YE 31 Dec								
Current ratio (x) 1.2 1.3 1.5 1.8 2.0 2.3 Receivable turnover days 32.1 29.9 27.9 28.0 27.2 26.4 VALUATION 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec P/E 18.7 41.9 26.8 18.2 16.4 15.3 P/E (diluted) 19.0 42.5 27.2 18.5 16.6 15.6	Net debt to equity (x)	0.2	0.2	0.2	0.1	0.0	(0.1)		
Receivable turnover days 32.1 29.9 27.9 28.0 27.2 26.4 VALUATION 2021A 2022A 2023A 2024E 2025E 2026E YE 31 Dec P/E 18.7 41.9 26.8 18.2 16.4 15.3 P/E (diluted) 19.0 42.5 27.2 18.5 16.6 15.6									
YE 31 Dec P/E 18.7 41.9 26.8 18.2 16.4 15.3 P/E (diluted) 19.0 42.5 27.2 18.5 16.6 15.6									
YE 31 Dec P/E 18.7 41.9 26.8 18.2 16.4 15.3 P/E (diluted) 19.0 42.5 27.2 18.5 16.6 15.6	VALUATION								
P/E 18.7 41.9 26.8 18.2 16.4 15.3 P/E (diluted) 19.0 42.5 27.2 18.5 16.6 15.6									
P/E (diluted) 19.0 42.5 27.2 18.5 16.6 15.6		18.7	41.9	26.8	18.2	16.4	15.3		

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



Disclosures & Disclaimers

Analyst Certification

The research analyst who is primary responsible for the content of this research report, in whole or in part, certifies that with respect to the securities or issuer that the analyst covered in this report: (1) all of the views expressed accurately reflect his or her personal views about the subject securities or issuer; and (2) no part of his or her compensation was, is, or will be, directly or indirectly, related to the specific views expressed by that analyst in

Besides, the analyst confirms that neither the analyst nor his/her associates (as defined in the code of conduct issued by The Hong Kong Securities and Futures Commission) (1) have dealt in or traded in the stock(s) covered in this research report within 30 calendar days prior to the date of issue of this report; (2) will deal in or trade in the stock(s) covered in this research report 3 business days after the date of issue of this report; (3) serve as an officer of any of the Hong Kong listed companies covered in this report; and (4) have any financial interests in the Hong Kong listed companies covered in this report.

CMBIGM or its affiliate(s) have investment banking relationship with the issuers covered in this report in preceding 12 months.

CMBIGM Ratings

BUY : Stock with potential return of over 15% over next 12 months HOLD Stock with potential return of +15% to -10% over next 12 months **SELL** Stock with potential loss of over 10% over next 12 months

NOT RATED : Stock is not rated by CMBIGM

OUTPERFORM : Industry expected to outperform the relevant broad market benchmark over next 12 months MARKET-PERFORM : Industry expected to perform in-line with the relevant broad market benchmark over next 12 months UNDERPERFORM : Industry expected to underperform the relevant broad market benchmark over next 12 months

CMB International Global Markets Limited

Address: 45/F, Champion Tower, 3 Garden Road, Hong Kong, Tel: (852) 3900 0888 Fax: (852) 3900 0800

CMB International Global Markets Limited ("CMBIGM") is a wholly owned subsidiary of CMB International Capital Corporation Limited (a wholly owned) subsidiary of China Merchants Bank)

Important Disclosures

There are risks involved in transacting in any securities. The information contained in this report may not be suitable for the purposes of all investors. CMBIGM does not provide individually tailored investment advice. This report has been prepared without regard to the individual investment objectives, financial position or special requirements. Past performance has no indication of future performance, and actual events may differ materially from that which is contained in the report. The value of, and returns from, any investments are uncertain and are not guaranteed and may fluctuate as a result of their dependence on the performance of underlying assets or other variable market factors. CMBIGM recommends that investors should independently evaluate particular investments and strategies, and encourages investors to consult with a professional financial advisor in order to make their own investment decisions.

This report or any information contained herein, have been prepared by the CMBIGM, solely for the purpose of supplying information to the clients of CMBIGM or its affiliate(s) to whom it is distributed. This report is not and should not be construed as an offer or solicitation to buy or sell any security or any interest in securities or enter into any transaction. Neither CMBIGM nor any of its affiliates, shareholders, agents, consultants, directors, officers or employees shall be liable for any loss, damage or expense whatsoever, whether direct or consequential, incurred in relying on the information contained in this report. Anyone making use of the information contained in this report does so entirely at their own risk.

The information and contents contained in this report are based on the analyses and interpretations of information believed to be publicly available and reliable. CMBIGM has exerted every effort in its capacity to ensure, but not to guarantee, their accuracy, completeness, timeliness or correctness. CMBIGM provides the information, advices and forecasts on an "AS IS" basis. The information and contents are subject to change without notice. CMBIGM may issue other publications having information and/ or conclusions different from this report. These publications reflect different assumption, point-of-view and analytical methods when compiling. CMBIGM may make investment decisions or take proprietary positions that are inconsistent with the recommendations or views in

CMBIGM may have a position, make markets or act as principal or engage in transactions in securities of companies referred to in this report for itself and/or on behalf of its clients from time to time. Investors should assume that CMBIGM does or seeks to have investment banking or other business relationships with the companies in this report. As a result, recipients should be aware that CMBIGM may have a conflict of interest that could affect the objectivity of this report and CMBIGM will not assume any responsibility in respect thereof. This report is for the use of intended recipients only and this publication, may not be reproduced, reprinted, sold, redistributed or published in whole or in part for any purpose without prior written consent of CMBIGM. Additional information on recommended securities is available upon request.

For recipients of this document in the United Kingdom

This report has been provided only to persons (I)falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended from time to time) ("The Order") or (II) are persons falling within Article 49(2) (a) to (d) ("High Net Worth Companies, Unincorporated Associations, etc.,) of the Order, and may not be provided to any other person without the prior written consent of CMBIGM.

For recipients of this document in the United States

CMBIGM is not a registered broker-dealer in the United States. As a result, CMBIGM is not subject to U.S. rules regarding the preparation of research reports and the independence of research analysts. The research analyst who is primary responsible for the content of this research report is not registered or qualified as a research analyst with the Financial Industry Regulatory Authority ("FINRA"). The analyst is not subject to applicable restrictions under FINRA Rules intended to ensure that the analyst is not affected by potential conflicts of interest that could bear upon the reliability of the research report. This report is intended for distribution in the United States solely to "major US institutional investors", as defined in Rule 15a-6 under the US, Securities Exchange Act of 1934, as amended, and may not be furnished to any other person in the United States. Each major US institutional investor that receives a copy of this report by its acceptance hereof represents and agrees that it shall not distribute or provide this report to any other person. Any U.S. recipient of this report wishing to effect any transaction to buy or sell securities based on the information provided in this report should do so only through a U.S.-registered broker-dealer.

For recipients of this document in Singapore

This report is distributed in Singapore by CMBI (Singapore) Pte. Limited (CMBISG) (Company Regn. No. 201731928D), an Exempt Financial Adviser as defined in the Financial Advisers Act (Cap. 110) of Singapore and regulated by the Monetary Authority of Singapore. CMBISG may distribute reports produced by its respective foreign entities, affiliates or other foreign research houses pursuant to an arrangement under Regulation 32C of the Financial Advisers Regulations. Where the report is distributed in Singapore to a person who is not an Accredited Investor, Expert Investor or an Institutional Investor, as defined in the Securities and Futures Act (Cap. 289) of Singapore, CMBISG accepts legal responsibility for the contents of the report to such persons only to the extent required by law. Singapore recipients should contact CMBISG at +65 6350 4400 for matters arising from, or in connection with the report

