CMB International Global Markets | Equity Research | Company Update

Kingdee (268 HK)

Cloud on track with improved earnings quality

Kingdee's FY1H22 top-line beat but net loss widened due to GPM erosion given increase in implementation costs for large enterprise projects. For SME segment, robust growth in ARR (+46% YoY) and subscription contract liabilities (+56% YoY) implied a prominent SaaS outlook. For large enterprise segment, Kingdee continues to benefit from software localization but increase in R&D and implementation work will negatively impact short term margin. Maintain BUY.

- FY1H22 top-line beat although net loss widened. Kingdee delivered solid FY1H22 top-line with revenue growth of +17% YoY to RMB2.2bn. Cloud revenue grew at +35% YoY to RMB1,677mn (76% of revenue). ARR (+46% YoY) and subscription contract liabilities (+56% YoY) both suggested prominent SaaS outlook. License ERP revenue was down 18% YoY to RMB519mn (24% of revenue). However, net loss widened to RMB356 mn (vs. RMB248mn in FY1H21) mainly due to GPM erosion (-2.1 pts YoY to 60.6%) given increase in implementation costs for large enterprise projects.
- Small and medium-sized enterprises: focus on cloud subscription. Kingdee's core SaaS product Galaxy (for medium-size enterprises) achieved +53% YoY in subscription ARR (subscription accounted for 60% of Galaxy revenue) and OPM improved to 20%+. Small and micro finance cloud service revenue delivered robust growth of +74% YoY as Kingdee strengthened channel sales. Subscription model with recurring revenue will remain as Kingdee's strategy in expanding SME business. We expect Kingdee's FY22E cloud revenue to grow at +32% YoY to RMB3,632mn (74% of FY22E revenue).
- Large enterprises: strong demand from software localization despite short-term margin drag. Kingdee's Cosmic & Constellation (for large enterprises) revenue grew +78% YoY to RMB284mn, benefiting from software localization trend. However, expanding large enterprise segment induced higher implementation fee (project based) and R&D. In FY1H22, Kingdee increased R&D for Cloud Cosmic and Constellation by +19% YoY to RMB795mn. That said, we are positive to see a lower R&D capitalization rate to 31.3% (vs. FY1H21 34.2%) as it implies an improvement in earning equality.
- Key beneficiary to local substitution, maintain BUY. We largely maintain our FY21-24E revenue forecast but expect net loss to widen with lower GPM and higher R&D. Maintain BUY with new target price of HK\$23.83 (prior HK\$24.37), based on 11x FY23E EV/sales, in-line with its three-year mean.

Earnings Summary

(YE 31 Dec)	FY19	FY20	FY21E	FY22E	FY23E
Revenue (RMB mn)	3,356	4,174	4,906	5,931	7,091
YoY growth (%)	1%	24%	18%	21%	20%
Net profit (RMB mn)	(335)	(302)	(513)	(237)	32
EPS (RMB)	-0.10	-0.09	-0.15	-0.07	0.01
YoY growth (%)	-193%	-1%	64%	-55%	-113%
Consensus EPS (RMB)	-0.10	-0.09	-0.09	-0.04	0.04
EV/sales (x)	13.1	10.7	9.1	7.5	6.2
P/E (x)	n.a.	n.a.	n.a.	n.a.	n.a.
Dividend Yield (%)	0.00	0.00	0.00	0.00	0.00
ROE (%)	-4%	-4%	-7%	-3%	0%
Net debt to equity	net cash				

Source: Company data, Bloomberg, CMBIGM estimates



BUY (Maintain)

Target Price	HK\$23.83
(Previous TP	HK\$24.37)
Up/Downside	+48.7%
Current Price	HK\$16.02

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Stock Data

Mkt Cap (HK\$ mn)	55,668
Avg 3 mths t/o (HK\$ mn)	192.82
52w High/Low (HK\$)	29.20/ 11.82
Total Issued Shares (mn)	3,475
Source: Bloomberg	

Shareholding Structure

Mr. Xu - Chairman	20.25%
JPMorgan Chase & Co.	14.01%

Source: HKEx

Share Performance

	Absolute	Relative
1-mth	-8.8%	-3.8%
3-mth	9.2%	14.1%
6-mth	-17.8%	1.2%
Source: Bloomber	g	

12-mth Price Performance



Auditor: PwC

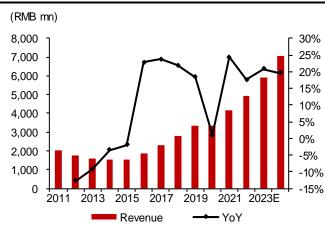
Related Reports

- China Software & IT Services "A mixed outlook for China Cloud amid rising US-China tension" – 4 Aug 2022 (link)
- China Software & IT Services "Higher visibility in SaaS along China cloud value chain" – 28 Jun 2022 (link)
- China Software & IT Services "Software localization to benefit China ERP" – 27 May 2022 (<u>link</u>)



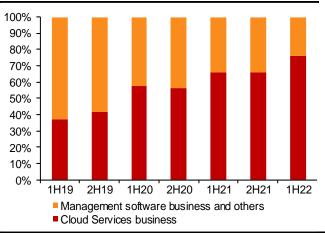
Focus Charts

Figure 1: Revenue and growth



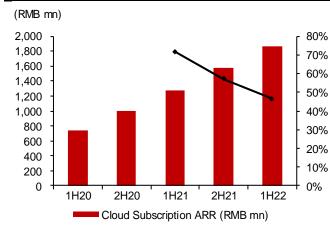
Source: Company data, CMBIGM estimates





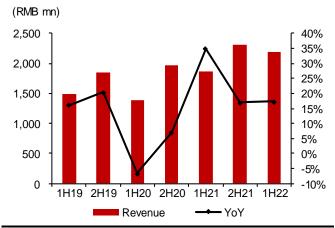
Source: Company data, CMBIGM estimates

Figure 5: Subscription ARR



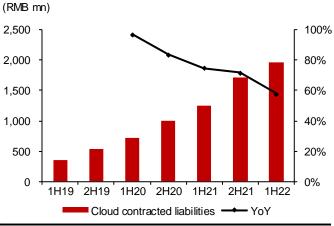
Source: Company data, CMBIGM estimates

Figure 2: Revenue and growth (semi-annual)



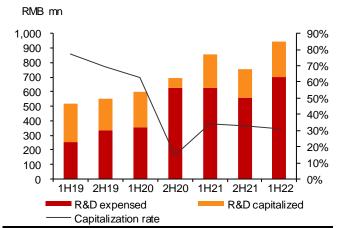
Source: Company data, CMBIGM estimates

Figure 4: Contracted liabilities



Source: Company data, CMBIGM estimates

Figure 6: Decreasing R&D capitalization rate



Source: Company data, CMBIGM estimates



FY1H22 results review

- **Revenue** was RMB2,197mn (+17% YoY), beating our estimate by 6% and in-line with consensus. (pre-announced revenue RMB2,153-2,247mn, +15-20% YoY)
 - Cloud: Revenue was RMB1,677mn (+35% YoY) (pre-announced cloud revenue was RMB1,610-1,734mn, +30-40% YoY).
 - ARR was RMB1,860mn (+46% YoY). (pre-announced ARR growth +45-48% YoY)
 - Subscription contract liabilities was RMB1,572mn (+56% YoY)
 - Segment margin: -27.2% (+2.4 pts YoY)
 - Management software: Revenue was RMB519mn (-18% YoY)
 - Segment margin: 7.2% (-0.3 pts YoY)
- Gross margin was 60.6%, (-2.2 pct pts YoY), below our estimate by -4.1 pct pts but in-line with consensus. The decline is attributable to YoY increase in implementation costs from large enterprise projects.
- Operating loss was RMB651mn, missing our and consensus estimates.
 - S&M expense was RMB1,050mn (+18% YoY)
 - **G&A** expense was RMB234mn (+13% YoY)
 - **R&D** expense was RMB698mn (+12% YoY)
 - R&D expenditure was RMB795mn (+19% YoY), R&D capitalization rate was 31.3% (-2.9 pts YoY).
- Net loss was RMB356mn, in-line with our estimate by missed consensus. (preannounced net loss was RMB347.4-397.0mn)

268 HK	1H21	2H21	1H22			1H22	versus	1H22	versus
RMB mn	Actual	Actual	Actual	ΥοΥ	НоН	CMBI	СМВІ	Consensus	Consensus
Revenue	1,872	2,302	2,197	17%	-5%	2,069	6%	2,172	1%
Gross profit	1,174	1,459	1,331	13%	-9%	1,338	-1%	1,360	-2%
GPM	62.7%	63.4%	60.6%	-2.2 pct pts	-2.9 pct pts	64.7%	-4.1 pct pts	62.6%	0.2 pct pts
Operating profit	(546)	(212)	(651)	19%	207%	(570)	14%	(440)	48%
OPM	-29.2%	-9.2%	-29.6%	-0.5 pct pts	-20.5 pct pts	-27.6%	-2.1 pct pts	-20.2%	-0.5 pct pts
PBT	(325)	(57)	(402)	24%	605%	(400)	1%	(382)	5%
Net income	(248)	(54)	(356)	44%	557%	(349)	2%	(269)	33%
NPM	-13.3%	-2.4%	-16.2%	-3 pct pts	-13.9 pct pts	-16.9%	0.7 pct pts	-12.4%	-0.1 pct pts
EPS (RMB)	(0.07)	(0.02)	(0.10)	43%	557%	(0.10)	2%	(0.10)	5%

Figure 7: FY1H22 results review

Source: Company data, CMBIGM



Cloud revenue breakdown and key operating metrics

• Cloud Cosmic and Constellation (Large enterprise segment)

- Revenue was RMB284mn (+78% YoY)
- **Dollar retention:** 100% (vs. >120% in FY21)
- Cloud Galaxy (Medium enterprise segment)
 - Revenue was RMB786mn (+16% YoY)
 - **Dollar retention:** 89% (vs. 99% in FY21 and 87% in FY1H21)
 - Subscription ARR growth: +53% YoY
 - **OPM:** 20%+
 - Subscription revenue as % of Galaxy revenue: 60%
- Cloud Stellar & Jingdou (Small and Micro enterprise)
 - Revenue was RMB380mn (+74% YoY)
 - Cloud Stellar dollar retention: 72% (vs. 86% in FY21)
 - Cloud Jingdou dollar retention: 69% (vs. 84% in FY21)

Figure 8: Revenue breakdown

RMB mn	1H20	2H20	1H21	2H21	1H22
Revenue breakdown					
Cloud Services	798	1,114	1,238	1,520	1,677
Cosmic & Constellation (苍穹&星瀚)	63	127	160	225	284
Galaxy (星空)	501	640	680	738	786
Others	235	347	398	557	607
Management software and others	589	855	634	782	519
License	206	241	255	218	175
Implementation and maintenance	383	614	379	564	344
Revenue YoY					
Cloud Services	45%	46%	55%	36%	35%
Management software and others	-37%	-21%	8%	-9%	-18%
Blended	-7%	7%	35%	17%	17%
Revenue mix					
Cloud Services	58%	57%	66%	66%	76%
Management software and others	42%	43%	34%	34%	24%

Source: Company data, CMBIGM estimates

Figure 9: Cloud metrics

RMB mn	1H20	2H20	1H21	2H21	1H22
Cloud revenue	798	1,114	1,238	1,520	1,677
YoY	45%	46%	55%	36%	35%
Subscription ARR	740	1,000	1,270	1,570	1,860
YoY			72%	57%	46%
Cloud Contract Liabilities	712	997	1,244	1,713	1,965
Subscription	552	825	1,008	1,358	1,572
YoY	91%	96%	83%	65%	56%
Others	160	172	236	356	393

Source: Company data, CMBIGM estimates



Earnings revision

Figure 10: Earnings revision

	2022E				2023E			2024E		
RMB mn	New	Old	%Diff	New	Old	%Diff	New	Old	%Diff	
Sales	4,906	4,927	-0%	5,931	6,050	-2%	7,091	7,218	-2%	
Gross profit	3,011	3,100	-3%	3,761	3,869	-3%	4,530	4,663	-3%	
OP Profit	-978	-769	27%	-616	-478	29%	-304	-107	184%	
PBT	-586	-435	35%	-277	-150	85%	37	225	-84%	
Net profit	-513	-380	35%	-237	-128	85%	32	193	-84%	
EPS	-0.15	-0.11	35%	-0.07	-0.04	85%	0.01	0.06	-84%	
Margins										
GM	61.4%	62.9%	-156 bps	63.4%	63.9%	-52 bps	63.9%	64.6%	-71 bps	
OPM	-19.9%	-15.6%	-433 bps	-10.4%	-7.9%	-249 bps	-4.3%	-1.5%	-280 bps	
PBT margin	-11.9%	-8.8%	-311 bps	-4.7%	-2.5%	-219 bps	0.5%	3.1%	-260 bps	
Net margin	-10.5%	-7.7%	-275 bps	-4.0%	-2.1%	-187 bps	0.4%	2.7%	-222 bps	

Source: Company data, CMBIGM

Figure 11: CMBI estimates vs consensus

	2022			2023			2024			
RMB mn	СМВІ	Street	Diff	СМВІ	Street	Diff	СМВІ	Street	Diff	
Sales	4,906	5,118	-4%	5,931	6,425	-8%	7,091	8,019	-12%	
Gross profit	3,011	3,242	-7%	3,761	4,132	-9%	4,530	5,227	-13%	
Operating profit	-978	-453	116%	-616	-213	190%	-304	142	-313%	
Profit before tax	-586	-382	53%	-277	-168	65%	37	145	-75%	
Core net profit	-513	-296	74%	-237	-115	105%	32	156	-80%	
EPS	-0.15	-0.09	59%	-0.07	-0.04	70%	0.01	0.04	-75%	
Margins										
GM	61.4%	63.3%	-198 bps	63.4%	64.3%	-89 bps	63.9%	65.2%	-129 bps	
OPM	-19.9%	-8.9%	-1108 bps	-10.4%	-3.3%	-708 bps	-4.3%	1.8%	-606 bps	
Profit before tax margin	-11.9%	-7.5%	-448 bps	-4.7%	-2.6%	-206 bps	0.5%	1.8%	-129 bps	
Net margin	-10.5%	-5.8%	-469 bps	-4.0%	-1.8%	-219 bps	0.4%	1.9%	-150 bps	

Source: Company data, CMBIGM



Operating model

Figure 12: Revenue breakdown

RMB mn	2019	2020	2021	2022E	2023E	2024E
Revenue breakdown						
Cloud Services business	1,314	1,912	2,758	3,632	4,720	5,941
Cosmic & Constellation	60	190	385	616	893	1,161
Galaxy	868	1,141	1,418	1,631	1,957	2,348
Others	386	581	955	1,385	1,870	2,431
ERP business	2,012	1,444	1,416	1,274	1,210	1,150
License	980	448	472	378	359	341
Implementation and maintenance	1,066	996	944	896	852	809
Revenue YoY						
Cloud Services business	55%	46%	44%	32%	30%	26%
ERP business	3%	-28%	-2%	-10%	-5%	-5%
Blended	18%	1%	24%	18%	21%	20%
Revenue mix						
Cloud Services business	39%	57%	66%	74%	80%	84%
ERP business	61%	43%	34%	26%	20%	16%

Source: Company data, CMBIGM

Figure 13: Operating model

RMB mn	2019	2020	2021	2022E	2023E	2024E
Revenues	3,326	3,356	4,174	4,906	5,931	7,091
Cost of sales	(922)	(1,147)	(1,541)	(1,895)	(2,169)	(2,560)
Gross Profit	2,403	2,209	2,634	3,011	3,761	4,530
Gross margin	72.3%	65.8%	63.1%	61.4%	63.4%	63.9%
R&D	(587)	(984)	(1,185)	(1,409)	(1,648)	(1,869)
SG&A	(1,760)	(1,839)	(2,207)	(2,580)	(2,730)	(2,964)
Operating Income	56	(614)	(758)	(978)	(616)	(304)
Operating margin	1.7%	-18.3%	-18.2%	-19.9%	-10.4%	-4.3%
Non-Operating Income	340	231	376	392	339	341
Profit Before Tax	396	(383)	(382)	(586)	(277)	37
Income tax (expense) gain	(30)	41	44	32	28	(4)
Minorities	(7)	(6)	(36)	(41)	(12)	2
Net Income to Shareholders	373	(335)	(302)	(513)	(237)	32
Net margin	11.2%	-10.0%	-7.2%	-10.5%	-4.0%	0.4%
Adj. net margin*	-3.2%	-19.4%	-17.4%	-20.7%	-13.5%	-8.6%
Core EPS (RMB)	0.12	(0.10)	(0.09)	(0.15)	(0.07)	0.01

Source: Company data, CMBIGM *Assuming all R&D are expensed

Figure 14: Semi-annual operating model



RMB mn	1H20	2H20	1H21	2H21	1H22	2H22E	1H23E	2H23E
Revenues	1,387	1,969	1,872	2,302	2,197	2,710	2,550	3,380
Gross Profit	890	1,319	1,174	1,459	1,331	1,680	1,594	2,168
Operating profit	(383)	(231)	(546)	(212)	(651)	(327)	(606)	(10)
Net profit (loss)	(224)	(111)	(248)	(54)	(356)	(157)	(358)	122
EPS (RMB)	(0.07)	(0.03)	(0.07)	(0.02)	(0.10)	(0.05)	(0.10)	0.03
<u>Margins</u>								
Gross margin	64.2%	67.0%	62.7%	63.4%	60.6%	62.0%	62.5%	64.1%
Operating margin	-27.6%	-11.7%	-29.2%	-9.2%	-29.6%	-12.1%	-23.8%	-0.3%
Net margin	-16.1%	-5.7%	-13.3%	-2.4%	-16.2%	-5.8%	-14.0%	3.6%
<u>Growth (QoQ)</u>								
Revenues	-25%	42%	-5%	23%	-5%	23%	-6%	33%
Gross Profit	-27%	48%	-11%	24%	-9%	26%	-5%	36%
Operating profit	n.a.	n.a.						
Net profit (loss)	n.a.	n.a.						
Growth (YoY)								
Revenues	-7%	7%	35%	17%	17%	18%	16%	25%
Gross Profit	-25%	8%	32%	11%	13%	15%	20%	29%
Operating profit	n.a.	n.a.						
Net profit (loss)	n.a.	n.a.						

Source: Company data, CMBIGM



Valuation

Kingdee (268 HK, BUY, TP HK\$23.83)

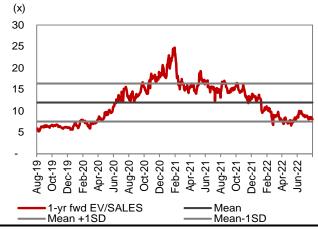
We maintain BUY on Kingdee with new target price of HK\$23.83 (prior HK\$24.37), based on unchanged 11.0x FY23E EV/sales, in-line with its three-year mean.

Figure 15: Kingdee peers valuation comparison

			Market Cap	Price	ТР	EV/sa	les (x)	FCF ma	rgin (%)	Sales CAGR	EPS CAGR
Company	Ticker	Rating	(US\$ mn)	(LC)	(LC)	FY22E	FY23E	FY22E	FY23E	FY21-24E	FY21-24E
Kingdee	268 HK	BUY	7,095	16.02	23.83	9.1	7.5	-2%	1%	19%	n.a.
Yonyou	600588 CH	HOLD	10,279	20.39	19.81	6.5	5.2	0%	7%	19%	20%
Kingsoft Office	688111 CH	NR	11,519	170.12	N/A	17.1	13.0	33%	38%	30%	31%
SAP	SAP US	NR	113,588	92.46	N/A	4.1	3.8	11%	15%	9%	n.a.
Intuit	INTU US	NR	134,764	477.76	N/A	10.9	9.5	29%	30%	20%	29%
Xero	XRO AU	NR	9,193	88.80	N/A	13.7	10.8	-7%	2%	25%	70%
Workday	WDAY US	NR	43,919	173.13	N/A	8.2	6.8	26%	18%	20%	n.a.
ServiceNow	NOW US	NR	98,899	489.60	N/A	13.3	10.7	30%	31%	24%	115%
Salesforce	CRM US	NR	186,990	187.93	N/A	7.1	5.9	19%	21%	20%	9%
					Mean	10.0	8.1	15%	18%	21%	45%
					Median	9.1	7.5	19%	18%	20%	30%

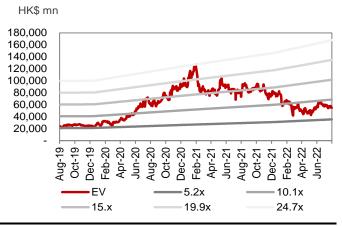
Source: Bloomberg, CMBIGM estimates

Figure 16: Kingdee 12M forward EV/sales chart



Source: Bloomberg, CMBIGM estimates





Source: Bloomberg, CMBIGM estimates



Financial Summary

Income statement						Cas
YE 31 Dec (RMB mn)	FY20A	FY21A	FY22E	FY23E	FY24E	YE 3
Revenue	3,356	4,174	4,906	5,931	7,091	Net
Cost of sales	(1,147)	(1,541)	(1,895)	(2,169)	(2,560)	Dep
Gross profit	2,209	2,634	3,011	3,761	4,530	Cha
						Othe
Selling exp	(1,425)	(1,741)	(2,039)	(2,149)	(2,337)	Net
Admin exp	(414)	(466)	(541)	(581)	(628)	
R&D exp	(984)	(1,185)	(1,409)	(1,648)	(1,869)	Cap
Other operating exp.	0	0	0	0	0	Othe
Operating profit	(614)	(758)	(978)	(616)	(304)	Net
Finance income/ (costs)	36	76	66	63	69	Net
Other non-op income/ (exp)	195	299	326	276	272	Divid
Pre-tax profit	(383)	(382)	(586)	(277)	37	New
-						Othe
Income tax expense	41	44	32	28	(4)	Net
Minority interests	6	36	41	12	(2)	
Net profit to shareholders	(335)	(302)	(513)	(237)	32	Net Cas
						Excl

Cash flow summary

YE 31 Dec (RMB mn)	FY20A	FY21A	FY22E	FY23E	FY24E
Net profit	(383)	(382)	(586)	(277)	37
Depreciation/amortization	493	439	447	492	547
Change in working capital	364	560	657	635	740
Others	(1)	44	(38)	(51)	(87)
Net cash from operating	473	661	481	799	1,236
Capex	(353)	(772)	(589)	(712)	(851)
Others	(1,138)	(433)	70	79	83
Net cash from investing	(1,491)	(1,205)	(519)	(633)	(767)
Net borrowings	(80)	(120)	310	(28)	(12)
Dividend paid	(37)	0	0	0	0
New shares	2,091	0	0	0	0
Others	(9)	(24)	0	0	0
Net cash from financing	1,966	(144)	310	(28)	(12)
		(000)			
Net change in cash	948	(688)	272	139	457
Cash at beginning of the year	1,899	2,754	2,047	2,319	2,457
Exchange difference	(93)	(19)	0	0	0
Cash at the end of the year	2,754	2,047	2,319	2,457	2,914

Balance sheet Key ratios YE 31 Dec (RMB mn) FY20A FY21A FY22E FY23E FY24E YE 31 Dec FY20A FY21A FY22E FY23E FY24E 6.183 4.471 4.732 4.971 5,547 **Current assets** Revenue mix 57% 66% 74% 80% Cash & equivalents 2,754 2,047 2,319 2,457 2,914 Cloud Services 84% 370 370 370 9% 13% 15% Short-term bank deposits 1,236 370 Cosmic & Constellation 6% 16% 616 Galaxy 334 392 426 516 34% 34% 33% 33% 33% Account receivables Others 357 323 377 352 351 17% 23% 28% 32% 34% Contract assets 43% 34% 26% Contract obtaining costs 142 248 150 180 193 Management Software 20% 16% 1,091 1,090 1,096 11% 8% 1,361 1,103 13% 6% 5% Others License 30% 23% 18% 14% 11% Implementation & maintenance Non-current assets 4,539 6,616 6,758 6,977 7,281 PPE 746 1,045 1,086 1,144 1,220 Growth (%) Intangible assets 786 1,037 1,138 1,299 1,526 Revenue 1% 24% 18% 21% 20% Investment properties 1,651 1,538 1,538 1,538 1,538 Operating profit n.a. n.a. n.a. n.a. n.a. 2,995 2,995 2,995 1,356 2,995 Other non-current assets Net profit n.a. n.a. n.a. n.a. n.a. 11,490 10,722 11,087 11,948 12,827 Total assets Profit & loss ratio (%) 2,599 3,084 3,829 4,555 5,410 Gross margin 66% 63% 61% 63% 64% **Current liabilities** 795 759 908 987 1,107 -18% -18% -20% -10% -4% Trade and other payables Operating margin Contract liabilities 1,484 2,165 2,662 3,318 4,057 Net profit margin -10% -7% -10% -4% 0% 99 Borrowings 120 0 91 87 200 160 160 160 Balance sheet ratio Others 160 35 32 32 32 32 Receivable turnover days 165 200 411 392 **Non-current liabilities** 384 224 184 175 166 158 Payable turnover days 0 211 192 184 2.38 1.45 1.24 1.09 1.03 Borrowings 0 Current ratio (x) 0 0 0 0 0 Net debt to equity net net net net net Trade and other payables 200 200 Other non-current liabilities 165 200 200 2,764 3,284 4,241 5,794 Profitability (%) **Total liabilities** 4.948 4% -3% -2% FCF margin 1% 5% 83 83 83 83 83 -4% -4% -7% -3% 0% Share capital ROE 5,053 Capital surplus 5,149 5,149 5,149 5,149 1,922 1,619 1,106 870 901 **Retained earnings** Per share data (RMB) -0.09 732 744 744 744 744 Core EPS (RMB) -0.10 -0.15 -0.07 0.01 Other reserves 207 155 0.00 Minority interest 169 166 154 DPS (RMB) 0.00 0.00 0.00 0.00 7,958 7,803 7.249 7.000 7,033 2.09 **BVPS (RMB)** 2.40 2.38 2.02 2.03 **Total equity** 10,722 11,087 11.490 11.948 12.827 Total liabilities and equity

Source: Company data, CMBIGM estimates



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