CMB International Global Markets | Equity Research | Company Update

Netease (NTES US)

Preparing for next strong product cycle

NetEase announced its 3Q22 results on 17 Nov. Total revenue grew by 10% YoY to RMB24.4bn in 3Q22, in line with our & consensus estimates of RMB24.4bn. Driven by resilient performance of legacy titles and launch of new titles like Diablo Immortal, total revenue was up 13% YoY in 9M22. Non-GAAP net income in 3Q22 grew by 23% YoY to RMB4.7bn (excl. RMB2.7bn extraordinary gains like investment income and FX gain), which is largely in line with our/consensus estimates of RMB5.0/4.9bn. Due to the supply and Banhao constraints of game titles, we believe it still takes time for NetEase to launch the next strong product cycle. We revised up our FY22 earnings forecast by 9% to reflect the extraordinary gains in 3Q22, but trimmed FY23-24 earning forecast by 1-4% to factor in the non-renewal of licenses with Blizzard. We lower our SOTP-based target price by 2% to US\$112.3. Maintain BUY.

- Eyes on next product cycle. Online games revenue increased by 9% YoY to RMB18.7bn in 3Q22 (1Q22/2Q22: +15.7/15.0% YoY), with mobile and PC games revenue up by 8% YoY and 11% YoY respectively. Key game titles in the pipeline include Naraka: Bladepoint Mobile (development progress well on track) and Justice Mobile (recorded 10mn pre-registration). NetEase also obtained Banhao approval for its Westward Journey IP on 17 Nov, which is a casual web game. For the overseas market, NetEase plans to launch Harry Potter: Magic Awakened globally in 2023E, and 3 & 4 games of various genres in the Japan & US markets respectively. Cloud music revenue grew by 22% YoY to RMB2.4bn in 3Q22 (9.7% of total revenue), with GPM up from 2.2/13.0% in 3Q21/2Q22 to 14.2% in 3Q22. Innovative businesses revenue was up by 14% YoY to RMB2.0bn in 3Q22 (8.1% of total revenue), mainly due to growth in revenue from Yanxuan. Youdao revenue grew by 1% YoY to RMB1.4bn in 3Q22 (5.7% of total revenue), mainly driven by innovation in learning services and smart devices, but partially offset by the cessation of K9 after-school tutoring business.
- Investing for future growth. Non-GAAP net income grew by 23% YoY to RMB4.7bn excluding investment income and FX gain, with net margin up by 1.5ppt YoY to 19.3% in 3Q22, thanks to the GPM expansion, and operating leverage on R&D and G&A expenses. Overall GPM rose from 53.2% in 3Q21 to 56.3% in 3Q22, supported by the improving margin profile of non-gaming businesses. Looking forward, management expects to see further growth in operating expenses as they continue to invest in the global gaming development capability, and the operating leverage will emerge until the next strong product cycle.
- Limited impact from non-renewal of licenses with Blizzard. Regarding non-renewal of licenses with Blizzard, management cited that it will have no material impact on NetEase's financial performance given revenues and net income of these licensed games only accounted for low single digits of NetEase's revenue and net income in 9M22.

Earnings Summary

(YE 31 Dec)	FY20A	FY21A	FY22E	FY23E	FY24E
Revenue (RMB mn)	73,667	87,606	97,092	102,839	107,456
YoY growth (%)	24.4	18.9	10.8	5.9	4.5
Gross margin (%)	52.9	53.6	54.8	54.5	54.5
Adjusted net profit (RMB mn)	14,706.0	19,761.9	22,167.1	21,528.6	22,962.5
EPS (Adjusted) (RMB)	22.25	29.71	33.97	32.99	35.19
Consensus EPS (RMB)	22.25	29.71	31.46	35.70	39.06
P/S (x)	4.5	3.8	3.4	3.2	3.1
P/E (x)	30.6	26.6	17.3	17.9	16.8

Source: Company data, Bloomberg, CMBIGM estimates



BUY (Maintain)

Target Price (Previous TP Up/Downside Current Price

US\$112.30 US\$114.80) 56.8% US\$71.60

44.2%

2.2%

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Stock Data

Mkt Cap (US\$ mn)	47,166.7
Avg 3 mths t/o (US\$ mn)	75.4
52w High/Low (US\$)	115.55/55.41
Total Issued Shares (mn)	658.8
Source: FactSet	

Shareholding Structure

William Lei Ding Invesco Source: Company data

Share Performance

	Absolute	Relative
1-mth	4.4%	-5.2%
3-mth	-23.2%	-11.4%
6-mth	-23.2%	-21.2%
Source: FactSet		

12-mth Price Performance ^{(USS} 120 110 100 90 80 70

Source: FactSet



Figure 1: NetEase : earnings revision

		Current			Previous		(Change (%)	
RMB bn	FY22E	FY23E	FY24E	FY22E	FY23E	FY24E	FY22E	FY23E	FY24E
Revenue	97.1	102.8	107.5	97.1	104.2	110.8	0.0%	-1.3%	-3.0%
Gross profit	53.2	56.0	58.5	52.7	56.4	60.1	1.0%	-0.7%	-2.7%
Operating profit	19.7	21.0	22.5	19.7	21.4	23.6	0.0%	-1.9%	-4.7%
Adjusted net profit	22.2	21.5	23.0	20.3	21.9	23.9	9.3%	-1.5%	-4.0%
Adjusted EPS (RMB)	33.7	32.7	34.9	30.7	33.1	36.2	9.7%	-1.2%	-3.7%
Gross margin	54.8%	54.5%	54.5%	54.2%	54.1%	54.3%	0.5 ppt	0.3 ppt	0.2 ppt
Operating margin	20.3%	20.4%	20.9%	20.3%	20.5%	21.3%	0.0 ppt	-0.1 ppt	-0.4 ppt
Adjusted net margin	22.8%	20.9%	21.4%	20.9%	21.0%	21.6%	2.0 ppt	0.0 ppt	-0.2 ppt

Source: CMBIGM estimates

Figure 2: CMBIGM estimates vs consensus

		CMBIGM		(Consensus			Diff (%)	
RMB bn	FY22E	FY23E	FY24E	FY22E	FY23E	FY24E	FY22E	FY23E	FY24E
Revenue	97.1	102.8	107.5	97.3	108.5	119.0	-0.2%	-5.2%	-9.7%
Gross profit	53.2	56.0	58.5	53.2	59.3	65.2	-0.1%	-5.6%	-10.2%
Operating profit	19.7	21.0	22.5	21.4	24.1	27.2	-7.8%	-12.7%	-17.4%
Adjusted net profit	22.2	21.5	23.0	20.5	23.4	26.1	8.2%	-7.9%	-12.0%
Adjusted EPS (RMB)	33.7	32.7	34.9	31.5	35.7	39.1	7.0%	-8.5%	-10.8%
Gross margin	54.8%	54.5%	54.5%	54.7%	54.7%	54.7%	0.0 ppt	-0.2 ppt	-0.3 ppt
Operating margin	20.3%	20.4%	20.9%	22.0%	22.2%	22.9%	-1.7 ppt	-1.8 ppt	-1.9 ppt
Adjusted net margin	22.8%	20.9%	21.4%	21.1%	21.5%	21.9%	1.8 ppt	-0.6 ppt	-0.5 ppt

Source: Bloomberg, CMBIGM estimates

Figure 3: NetEase: key financial data forecasts

(RMB mn)	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	Cons.	Diff%	CMBI	Diff%
Online games revenue	16,107	15,775	17,146	17,398	18,642	18,140	18,699			17,613	6.2%
YoY%	19.1%	14.1%	23.7%	29.8%	15.7%	15.0%	9.1%				
As % of total revenue	78.5%	76.9%	77.3%	71.4%	79.1%	78.3%	76.6%				
Youdao revenue	1,340	1,293	1,387	1,334	1,201	956	1,402			1,194	17.5%
YoY%	147.5%	107.5%	54.8%	20.5%	-10.4%	-26.1%	1.1%				
As % of total revenue	6.5%	6.3%	6.3%	5.5%	5.1%	4.1%	5.7%				
Cloud Music revenue	1,491	1,693	1,925	1,889	2,067	2,192	2,357			2,400	-1.8%
YoY%	0.0%	0.0%	0.0%	0.0%	38.6%	29.5%	22.5%				
As % of total revenue	7.3%	8.2%	8.7%	7.8%	8.8%	9.5%	9.7%				
Innovative businesses	1,579	1,764	1,733	3,753	1,646	1,872	1,968			3,204	-38.6%
YoY%	0.0%	0.0%	0.0%	0.0%	4.2%	6.1%	13.6%				
As % of total revenue	7.7%	8.6%	7.8%	15.4%	7.0%	8.1%	8.1%				
Total revenue	20,517	20,525	22,191	24,374	23,556	23,159	24,427	24,360	0.3%	24,411	0.1%
YoY%	20.2%	12.9%	18.9%	23.3%	14.8%	12.8%	10.1%				
Gross profit margin (%)	53.9%	54.5%	53.2%	53.0%	54.5%	55.9%	56.3%				
S&M expenses ratio (%)	13.5%	14.7%	14.1%	13.5%	12.4%	14.3%	15.4%				
R&D expenses ratio (%)	14.9%	16.6%	16.9%	15.8%	14.4%	15.5%	16.2%				
Non-GAAP NPM(%)	24.8%	20.6%	17.4%	27.1%	21.7%	23.4%	30.6%				
Non-GAAP net profit	5,081	4,228	3,858	6,596	5,118	5,410	7,470	4,930	51.5%	4,993	49.6%
YoY%	20.6%	-19.1%	5.1%	312.8%	0.7%	28.0%	93.6%				

Source: Company data, CMBIGM estimates

Note: Non-GAAP net profit reported by NetEase include investment income/(loss) and exchange gain/(loss).



We use sum-of-the-parts (SOTP) valuation methodology to value NetEase's four main business segments. Our SOTP derived target price is US\$112.3, comprising:

1) US\$103.4 for the online game business (92.0% of total valuation), based on 16x 2023E EV/EBIT which is a premium over the industry average (14x). The premium in our view is justified by NetEase's strong content development capability and solid deployment in the overseas market;

2) US\$0.3 for Youdao (0.2% of total valuation), based on 0.4x 2023E EV/revenue, on a par with the industry average;

3) US\$4.4 (3.9% of total valuation) for the Cloud Music business, based on 3.0x 2023E EV/revenue, at a premium over the industry average due to its relatively strong revenue growth outlook over 2022-2024E;

4) US\$2.6 (2.3% of total valuation) for the innovative businesses and others, based on 1.2x EV/2023E revenue, on a par with the industry average;

5) US\$1.7 for net cash.

Figure 4: NetEase: SOTP Valuation

(RMBmn)	Valuation basis	Multiple (x)	2023E sales	2023E EBIT	Valuation	Shareholding (%)	Valuation to NetEase	Valuation per ADS (US\$)
Online games	EV/EBIT	16.0	75,419	29,790	476,647	100.0%	476,647	103.4
Youdao	EV/revenue	0.4	5,813		2,325	52.9%	1,230	0.3
Cloud Music	EV/revenue	3.0	11,595		34,786	57.7%	20,071	4.4
Innovative businesses	EV/revenue	1.2	10,012		12,015	100.0%	12,015	2.6
Enterprise value							509,963	
Net cash							7,875	1.7
Equity value							517,838	
RMB/US\$							7.00	
Target valuation (US\$m	n)						73,997	
No. of ADSs (mn)							659	
Value per ADS (US\$)							112.3	

Source: Company data, CMBIGM estimates

Figure 5: Peer comparison: online games

			EBIT g	rowth (YoY %)		E	V/EBIT (x)	
Companies	Ticker	(Local)	FY22E	FY23E	FY24E	FY22E	FY23E	FY24E
Tencent	700 HK	294.4	(36)	20	12	18	15	13
iDreamSky	1119 HK	4.4	(62)	591	96	na	22	11
Activision Blizzard	ATVI US	74.4	(23)	31	11	18	14	12
Electronic Arts	EA US	129.3	24	(0)	5	14	15	14
Take Two	TTWO US	100.8	(12)	33	21	28	21	17
Nexon	3659 JP	2,802.0	(7)	30	19	17	13	11
Nintendo	7974 JP	5,849.0	(18)	(7)	(1)	9	10	10
Bandai Namco	7832 JP	8,859.0	22	10	3	14	13	13
Perfect World	002624 CH	12.7	111	16	16	15	13	11
37 Interactive	002555 CH	16.9	(1)	18	14	10	8	7
Average EV/EBIT						16	14	12

Source: Bloomberg consensus estimates, CMBIGM



Figure 6: Pe	er comparisor	n: education,	online music	, and e-com	merce			
		Price	Revenue	e growth (YoY %	<u>) </u>	EV	/revenue (x)	
Companies	Ticker	(Local)	FY22E	FY23E	FY24E	FY22E	FY23E	FY24E
Education								
New Oriental	EDU US	26.0	(26)	(15)	15	0.3	0.3	0.3
TAL Education	TAL US	5.4	2	(78)	20	0.1	0.6	0.5
Average PS						0.2	0.4	0.4
Music commun	ity							
TME	TME US	5.3	(19)	5	5	1.6	1.5	1.5
Spotify	SPOT US	82.5	7	15	14	1.2	1.1	0.9
BiliBili	BILI US	15.5	(1)	26	22	2.3	1.8	1.5
Kuaishou	1024 HK	52.8	4	18	15	2.0	1.7	1.4
Average PS						1.8	1.5	1.3
E-commerce								
Alibaba	BABA US	78.2	(4)	12	10	1.1	1.0	0.9
JD	JD US	53.5	(2)	19	14	0.5	0.4	0.3
Pinduoduo	PDD US	67.6	14	24	18	4.0	3.2	2.7
Vipshop	VIPS US	8.9	(22)	7	6	0.2	0.2	0.2
Average PS						1.5	1.2	1.1

Source: Bloomberg consensus estimates, CMBIGM Note: data as of 16 Nov market close



Financial Summary

INCOME STATEMENT	2019A	2020A	2021A	2022E	2023E	2024E
YE 31 Dec (RMB mn)						
Revenue	59,241	73,667	87,606	97,092	102,839	107,456
Cost of goods sold	(27,686)	(34,684)	(40,635)	(43,924)	(46,814)	(48,944)
Gross profit	31,555	38,983	46,971	53,168	56,026	58,512
Operating expenses	(17,765)	(24,445)	(30,554)	(33,464)	(35,011)	(36,046)
Selling expense	(6,221)	(10,704)	(12,214)	(13,755)	(14,192)	(14,507)
Admin expense	(3,130)	(3,372)	(4,264)	(4,617)	(4,833)	(4,836)
R&D expense	(8,413)	(10,369)	(14,076)	(15,093)	(15,986)	(16,704)
Operating profit	13,791	14,538	16,417	19,704	21,014	22,466
Investment gain/loss	1,306	1,610	2,948	(616)	0	0
Other gains/(losses)	439	737	710	502	0	0
Interest income	822	1,599	1,520	1,851	1,812	1,963
Foreign exchange gain/loss	25	(3,112)	(490)	2,165	0	0
Pre-tax profit	16,383	15,372	21,104	23,606	22,826	24,429
Income tax	(2,915)	(3,042)	(4,128)	(4,839)	(4,565)	(4,886)
After tax profit	13,469	12,330	16,976	18,767	18,261	19,543
Minority interest	(170)	(267)	(119)	385	183	195
Discontinued operations	7,963	na	na	na	na	na
Net profit	21,261	12,063	16,857	19,152	18,443	19,739
Adjusted net profit	15,663	14,706	19,762	22,167	21,529	22,962
BALANCE SHEET	2019A	2020A	2021A	2022E	2023E	2024E
YE 31 Dec (RMB mn)						
Current assets	85,105	107,831	113,120	117,287	126,063	136,296
Cash & equivalents	3,246	9,117	14,498	9,742	9,386	9,853
Restricted cash	3,150	3,051	2,877	3,020	3,171	3,330
Account receivables	4,169	4,576	5,508	5,982	6,210	6,359
Inventories	651	621	965	1,043	1,111	1,162
Prepayment	4,817	6,112	6,236	6,773	7,030	7,199
ST bank deposits	53,487	71,079	70,755	77,830	85,613	94,175
Other current assets	15,584	13,273	12,282	12,896	13,541	14,218
Non-current assets	27,019	34,044	40,524	50,311	55,641	60,218
PP&E	4,622	4,555	5,434	6,482	7,732	9,223
Other non-current assets	22,398	29,488	35,090	43,830	47,909	50,995
Total assets	112,124	141,875	153,644	167,599	181,704	196,513
Current liabilities	38,243	46,743	50,501	50,982	52,048	52,981
Short-term borrowings	16,828	19,505	19,352	16,856	15,798	15,094
Account payables	1,212	1,134	985	1,065	1,135	1,186
Tax payable	3,157	4,283	4,537	5,028	5,326	5,565
Other current liabilities	11,562	14,484	16,266	17,914	19,004	19,860
Accrued expenses	5,484	7,338	9,361	10,118	10,784	11,275
Non-current liabilities	840	1,337	3,719	4,056	4,314	4,509
Other non-current liabilities	840	1,337	3,719	4,056	4,314	4,509
Total liabilities	39,083	48,081	54,220	55,038	56,361	57,490
Total shareholders equity	61,454	82,127	95,328	109,474	122,440	136,315
Minority interest	11,588	11,667	4,096	3,709	3,526	3,331
Total equity and liabilities	112,124	141,875	153,644	168,221	182,327	197,136



CASH FLOW 2019A 2020A 2021A 2022E 2023E 2024E YE 31 Dec (RMB mn) Operating Profit before taxation 16,383 15,372 21,104 23,606 22,826 24,429 2,614 3,458 3,276 2,717 3,241 Depreciation & amortization 3,866 (2,915)(3,042)(4,839)(4,565) (4,886) Tax paid (4, 128)1,570 Change in working capital 671 4,771 3,188 1,887 1,270 Others 464 4,329 1,487 0 0 0 Net cash from operations 17,216 24,888 24,927 23,371 23,072 24,679 Investing Capital expenditure (3,268) (3,273) (3,038) (3,696)(4,423) (5,290) (7,078) Net cash from investing (22,137) (19,858) (17,486) (29, 192)(16,741) Financing Dividend paid (8,841) (4,280) (4,240) (5,630) (5,478) (5,863) Net borrowings 2,972 4,041 3.992 (2,496) (1,058) (704) Proceeds from share issues 0 21,912 (2,297) 0 0 0 Others 6,952 (11,759)(10,040) 0 0 0 (12,586) (6,536) Net cash from financing 1,083 9,913 (8,126) (6,567) Net change in cash Cash at the beginning of the year 10,207 6,398 12,169 17,376 12,763 12,558 Exchange difference 162 29 (55) 0 0 0 Others (1) 0 0 0 0 0 12,558 13,183 Cash at the end of the year 6,397 12,169 17,376 12,763 GROWTH 2019A 2020A 2021A 2022E 2023E 2024E YE 31 Dec Revenue 15.8% 24.4% 18.9% 10.8% 5.9% 4.5% 15.4% 23.5% 20.5% 13.2% 5.4% 4.4% Gross profit Operating profit 38.2% 5.4% 12.9% 20.0% 6.6% 6.9% 245.6% (43.3%) (3.7%) Net profit 39.7% 13.6% 7.0% 45.5% (6.1%) 34.4% (2.9%) Adj. net profit 12.2% 6.7% PROFITABILITY 2019A 2020A 2021A 2022E 2023E 2024E YE 31 Dec Gross profit margin 53.3% 52.9% 53.6% 54.8% 54.5% 54.5% Operating margin 23.3% 19.7% 18.7% 20.3% 20.4% 20.9% Adj. net profit margin 26.4% 20.0% 22.6% 22.8% 20.9% 21.4% Return on equity (ROE) 39.9% 16.8% 19.0% 18.7% 15.9% 15.3% GEARING/LIQUIDITY/ACTIVITIES 2022E 2024E 2019A 2020A 2021A 2023E YE 31 Dec Net debt to equity (x) (0.6) (0.7)(0.7) (0.6)(0.6) (0.7)Current ratio (x) 2.2 2.3 2.2 2.3 2.4 2.6 Receivable turnover days 25.7 22.7 22.9 22.5 22.0 21.6 Payable turnover days 16.0 11.9 8.8 8.8 8.8 8.8 2020A 2024E VALUATION 2019A 2021A 2022E 2023E YE 31 Dec P/E 11.0 30.6 26.6 17.3 17.9 16.8 P/E (diluted) 11.1 31.0 27.0 17.4 18.1 16.9 P/B 3.8 4.5 47 3.0 2.7 2.4

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



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