



Company Report: Tencent (00700 HK)

公司报告: 腾讯控股 (00700 HK)

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# Weaker Monetization from New Games, "Buy"

新游戏的货币化进度较弱,"买入"

- 1Q18 shareholders' profit beat expectations with 64.8% yoy growth due to better-than-expected online games contribution. Non-GAAP net profit grew 28.9% yoy in 1Q18. Non-GAAP operating margin lowered by 3 ppt yoy to 36% due to higher selling and marketing expenses, and decline in gross margin.
- We lower FY18-FY20 online games revenue by 2.9%/ 3.7%/ 4.1%, respectively, due to weaker monetization from newly launched games. Mobile game revenue grew 68.2% yoy in 1Q18, driven by game titles Honor of Kings and QQ Speed. The growth rate of mobile revenue improved 10.3 ppt QoQ in 1Q18, thanks to larger user base and ARPU improvement.
- We expect FY18-FY20 advertising revenue to grow 40.0%/ 32.0%/ 23.0%, respectively. 1Q18 advertising revenue grew 55.2% yoy, in line with expectations, driven by 31% yoy growth in media advertising and 69% yoy growth in social advertising. Profit margins are expected to be affected by more investment in video content acquisition, traffic acquisition and payment service subsidies.
- Maintain the investment rating of "Buy", but cut TP from HK\$520.00 to HK\$510.00. We lower FY18-FY20 EPS by 2.5%/ 3.1%/ 3.8%, respectively. The new TP implies 49.1x FY18 PER, 40.8x FY19 PER and 35.7x FY20 PER.
- **2018 年 1 季度股东净利润超过预期,同比增长 64.8%,主要由于好于预期的网络游戏贡献。** 2018 年 1 季度非 GAAP 净利润同比增长 28.9%。非 GAAP 经营利润率同比下降 3 个百分点至 36%,主要由于销售费用增加以及毛利率下降。
- 我们分别将 2018 财年至 2020 财年的网络游戏收入下调 2.9%/ 3.7%/ 4.1%, 因在于新发行游戏的变现能力较弱。手机游戏收入于 2018 年 1 季度同比增长 68.2%, 主要受《王者荣耀》和《QQ飞车》的驱动。2018 年 1 季度的手机游戏的增速环比提高了 10.3 个百分点,主要受益于用户基数的增长与 ARPU 的提升。
- 我们预计 2018 财年至 2020 财年的广告收入将分别增长 40.0%/ 32.0%/ 23.0%。2018 年 1 季度的广告收入同比增长 55.2%,符合预期,主要受媒体广告 31%的同比增长以及社交广告 69%的同比增长的驱动。利润率预计将受加大向视频内容采购、流量获取和支付服务补贴中投资的影响。
- **维持公司的投资评级为"买入",但将目标价由 520.00 港元下调至 510.00 港元。**我们将 2018 财年至 2020 财年的每股盈利预测分别下调了 2.5%/ 3.1%/ 3.8%。新的目标价对应 49.1 倍的 2018 财年市盈率、40.8 倍的 2019 财年市盈率以及 35.7 倍的 2020 财年市盈率。

| Rating: | Buy        |
|---------|------------|
|         | Maintained |

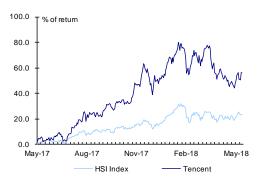
评级: 买入 (维持)

6-18m TP 目标价: **HK\$510.00** Revised from 原目标价: HK\$520.00

Share price 股价: HK\$408.000

# Stock performance

股价表现



| Change in Share Price              | 1 M   | 3 M   | 1 Y   |
|------------------------------------|-------|-------|-------|
| 股价变动                               | 1 个月  | 3个月   | 1年    |
| Abs. %<br>绝对变动 %                   | 3.7   | (9.4) | 54.6  |
| Rel. % to HS Index<br>相对恒指变动 %     | 0.4   | (9.4) | 29.8  |
| Avg. Share price(HK\$)<br>平均股价(港元) | 395.0 | 420.3 | 367.5 |

Source: Bloomberg, Guotai Junan International.

| Year End | Turnover | Net Profit | EPS    | EPS    | PER  | BPS    | PBR  | DPS   | Yield | ROE    |
|----------|----------|------------|--------|--------|------|--------|------|-------|-------|--------|
| 年结       | 收入       | 股东净利       | 每股净利   | 每股净利变动 | 市盈率  | 每股净资产  | 市净率  | 每股股息  | 股息率   | 净资产收益率 |
| 12/31    | (RMB m)  | (RMB m)    | (RMB)  | (△ %)  | (x)  | (RMB)  | (x)  | (RMB) | (%)   | (%)    |
| 2016A    | 151,938  | 41,095     | 4.383  | 41.5   | 83.4 | 18.625 | 19.6 | 0.395 | 0.1   | 27.9   |
| 2017A    | 237,760  | 71,510     | 7.599  | 73.4   | 43.5 | 27.210 | 12.1 | 0.537 | 0.2   | 33.2   |
| 2018F    | 335,875  | 83,929     | 8.831  | 16.2   | 37.4 | 33.399 | 9.9  | 0.624 | 0.2   | 29.3   |
| 2019F    | 455,179  | 101,370    | 10.634 | 20.4   | 31.1 | 38.364 | 8.6  | 0.751 | 0.2   | 29.7   |
| 2020F    | 575.340  | 115.944    | 12.127 | 14.0   | 27.3 | 41.818 | 7.9  | 0.857 | 0.3   | 30.3   |

Shares in issue (m) 总股数 (m) 9,504.0 Major shareholder 大股东 Naspers Ltd 31.2% Market cap. (HK\$ m) 市值 (HK\$ m) 3,877,632.0 Free float (%) 自由流通比率 (%) 68.8 3 month average vol. 3 个月平均成交股数 ('000) 31.654.0 FY18 Net gearing (%) FY18 净负债/股东资金 (%) Net cash 52 Weeks high/low (HK\$) 52 周高/低 (HK\$) 476.600 / 260.400

Source: the Company, Guotai Junan International.



#### 1Q18 Results Review

1Q18 shareholders' profit beat expectations with 64.8% yoy growth, due to better-than-expected online games contribution. Non-GAAP net profit grew 28.9% yoy in 1Q18. Non-GAAP operating margin lowered by 3 ppt yoy to 36% due to higher selling and marketing expenses, and decline in gross margin. Mobile games revenue grew 68% yoy, mainly driven by game titles Honor of Kings and QQ Speed Mobile. Tencent focused on growing their online games user base and was prudent to monetize mobile games, which may affect the Company's online game revenue growth in the short term. Online advertising revenue was up 55% yoy, driven by more pre-roll advertisements in video platforms, and Weixin Moments contributions. We expect stronger contributions from Weixin Moments and Fifa World Cup related marketing activities in 2018. There were over 500 mini games launched, which helped to cultivate new game users. 1Q18 gross margin was 50.4%, down 1 ppt YoY and up 11.7 ppt QoQ. VAS gross margin improved 2 ppt to 63% in 1Q18, thanks to better mobile games margin with higher proportion of self developed games contributions. Advertising gross margin lowered by 4 ppt to 31% in 1Q18 due to higher traffic acquisition costs and video content costs.

Table-1: Tencent's Income Statement Analysis

| RMB (Million)                                  | 1Q18     | 1Q17     | YoY      | Comments                                                                               |
|------------------------------------------------|----------|----------|----------|----------------------------------------------------------------------------------------|
| Total revenue                                  | 73,528   | 49,552   | 48.4%    |                                                                                        |
| - VAS revenue                                  | 46,877   | 35,108   | 33.5%    | Driven by 26% yoy growth in online games and 47% yoy growth in social networks         |
| - Online advertising revenue                   | 10,689   | 6,888    | 55.2%    | Driven by 31% yoy growth in media advertising and 69% yoy growth in social advertising |
| - Others revenue                               | 15,962   | 7,556    | 111.2%   | Due to contributions from payment solutions and cloud services                         |
| Cost of revenue                                | (36,486) | (24,109) | 51.3%    |                                                                                        |
| Gross profit                                   | 37,042   | 25,443   | 45.6%    |                                                                                        |
| Interest income                                | 1,065    | 808      | 31.8%    |                                                                                        |
| Other gains, net                               | 7,585    | 3,191    | 137.7%   | Due to fair value change and investment gains in some investee companies               |
| S&M expenses                                   | (5,570)  | (3,158)  | 76.4%    | Related to higher marketing spending on mobile platforms                               |
| G&A expenses                                   | (9,430)  | (7,012)  | 34.5%    |                                                                                        |
| Operating profit                               | 30,692   | 19,272   | 59.3%    |                                                                                        |
| Finance costs, net                             | (654)    | (691)    | (5.4%)   |                                                                                        |
| Share of (losses)/profits of associates and JV | (319)    | (375)    | (14.9%)  |                                                                                        |
| Profit before tax                              | 29,719   | 18,206   | 63.2%    |                                                                                        |
| Income tax                                     | (5,746)  | (3,658)  | 57.1%    |                                                                                        |
| Shareholders' profit                           | 23,973   | 14,548   | 64.8%    |                                                                                        |
| Non-GAAP Shareholders' profit                  | 18,313   | 14,211   | 28.9%    |                                                                                        |
| EPS (RMB)                                      | 2.47     | 1.54     | 60.4%    |                                                                                        |
| Gross profit margin                            | 50.4%    | 51.3%    | (1.0ppt) | Due to lower margin businesses impact                                                  |
| Non-GAAP net profit margin                     | 24.9%    | 28.7%    | (3.8ppt) |                                                                                        |

Source: the Company, Guotai Junan International.

We lower FY18-FY20 online games revenue by 2.9%/ 3.7%/ 4.1%, respectively, due to weaker monetization from newly launched games. Mobile games revenue grew 68.2% yoy in 1Q18, driven by some key game titles including Honor of Kings and QQ Speed. The growth rate of mobile revenue improved 10.3 ppt QoQ in 1Q18, thanks to larger user base and ARPU



improvement. Honor of Kings maintained the top position in China's iOS grossing chart driven by the launch of new versions and upgrade packs to improve users' experiences. PC game revenue was flat yoy, but there was a decline in active users due to the time shift of users from PC platform to mobile platform, which resulted from the increasingly comparable experiences in mobile games. Tencent has not yet monetized its battle royale games (PUBG, Fortnite), which may affect its mobile games revenue growth in the short term. The DAU of PUBG exceeded 50 million. Fortnite has started to allow pre-registration and Tencent is waiting for approval to launch this game. Tencent focused on users' experiences and user base development instead of rushing to make profit from new games. Compared to Honor of Kings, we think revenue contributions from the battle royale games to be weaker due to difficult game genre and business model. Tencent is also increasing efforts to improve game ecosystems, including the arrangement of eSports activities, short video platform WeiShi development and launching live broadcasting services (through investments in Douyu and Huya). We expect that these services and activities should help game users to improve loyalty.

Table-2: China's iOS Top 10 Free Online Games Chart

| Ranking | Grossing Games                          | Game Distributors |
|---------|-----------------------------------------|-------------------|
| 1       | PUBG: Exciting Battleground (绝地求生:刺激战场) | Tencent           |
| 2       | King of Fighters Destiny (拳皇命运)         | Tencent           |
| 3       | Identity V (第五人格)                       | NetEase           |
| 4       | PUBG: Full Ahead (绝地求生:全军出击)            | Tencent           |
| 5       | Angry Birds 2                           | Rovio             |
| 6       | Honour of Kings (王者荣耀)                  | Tencent           |
| 7       | Ultra Kill Apocalypse (超杀默示录)           | Hero Games        |
| 8       | Warring States Chronicles (战国志)         | NetEase           |
| 9       | Tactics in Palace Mobile (宫廷计手游)        | Friend Times      |
| 10      | Love Balls                              | SuperTapx         |

Source: App Annie.

Table-3: China's iOS Top 10 Online Grossing Games Chart

| Ranking | Grossing Games                     | Game Distributors |
|---------|------------------------------------|-------------------|
| 1       | Honour of Kings (王者荣耀)             | Tencent           |
| 2       | Fantasy in Westward Journey (梦幻西游) | NetEase           |
| 3       | Onmyoji (阴阳师)                      | NetEase           |
| 4       | King of Fighters Destiny (拳皇命运)    | Tencent           |
| 5       | Naruto Mobile (火影忍者)               | Tencent           |
| 6       | King of Chaos (乱世王者)               | Tencent           |
| 7       | QQ Speed (QQ 飞车)                   | Tencent           |
| 8       | QQ Dance (QQ 炫舞)                   | Tencent           |
| 9       | JX Online (新剑侠情缘)                  | Tencent           |
| 10      | Ghost (倩女幽魂)                       | NetEase           |

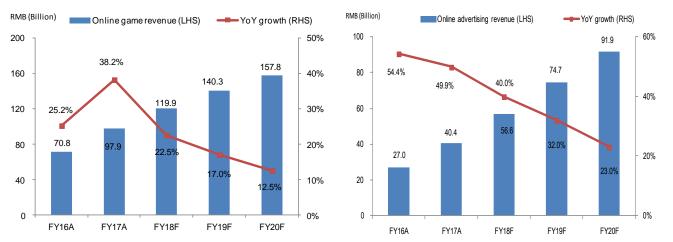
Source: App Annie.

We expect FY18-FY20 advertising revenue to grow 40.0%/ 32.0%/ 23.0%, respectively. 1Q18 advertising revenue grew 55.2% yoy, in line with expectations, driven by 31% yoy growth in media advertising and 69% yoy growth in social advertising. Media advertising was contributed by video advertising growth thanks to better adoption of pre-roll advertisements in video platforms with better platform traffic and larger user base. The revenue growth rate in media advertising improved 9 ppt QoQ thanks to the launch of quality video programs which improved traffic. Tencent managed to launch quality video content through self-developing, licensing and IP purchase. There may be more advertising contributions from Fifa World Cup related marketing activities in 2018 by commercial customers to boost consumption and improve branding. Social advertising revenue maintained robust growth thanks to contributions from Weixin Moments and other mobile platforms. We expect advertising growth in Weixin Moments to maintain strong pace thanks to larger user base and increasing usage time. The revenue growth rates of social advertising in 1Q18 and 4Q17 were similar due to moderate launch of advertisements in Weixin Moments to reduce impact to



users' experiences. News feed advertising is also ramping up contribution within the mobile platform.

Figure-1: Tencent's Online Game Revenue and YoY Growth Figure-2: Tencent's Online Advertising Revenue and YoY Growth



Source: the Company, Guotai Junan International.

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#### **Profit Revisions**

We cut FY18-FY19 EPS by 2.5%/ 3.1%/ 3.8%, respectively. We lower FY18-FY20 online games revenue by 2.9%/ 3.7%/ 4.1%, respectively, to reflect weaker monetization from the newly launch battle royale games.

**Table-4: Financial Estimations Revisions** 

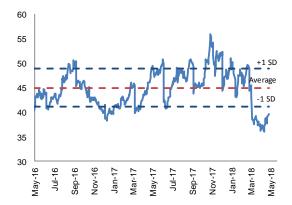
|               |         | OLD     |         |         | NEW     |         |        | CHANGE |        |
|---------------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| RMB (Million) | 2018F   | 2019F   | 2020F   | 2018F   | 2019F   | 2020F   | 2018F  | 2019F  | 2020F  |
| Total revenue | 342,032 | 468,291 | 594,360 | 335,875 | 455,179 | 575,340 | (1.8%) | (2.8%) | (3.2%) |
| Net profit    | 86,081  | 104,613 | 120,524 | 83,929  | 101,370 | 115,944 | (2.5%) | (3.1%) | (3.8%) |
| EPS (RMB)     | 9.057   | 10.974  | 12.606  | 8.831   | 10.634  | 12.127  | (2.5%) | (3.1%) | (3.8%) |

Source: Guotai Junan International.

## **Valuation**

Maintain the investment rating of "Buy", but cut the TP from HK\$520.00 to HK\$510.00. We expect Tencent's short-term business to be affected by weaker monetization progress in online games but will turn positive in the medium term due to strategy of growing user base with user experience improvement instead of rushing to monetize. The new TP implies 49.1x FY18 PER, 40.8x FY19 PER and 35.7x FY20 PER.

Figure-3: Tencent's PE Graph



Source: Bloomberg.



**Table-5: Peers Comparison** 

|                                             |          |          |                    | PER (x) |      |       |             | PBR (x) |      | ROE(%) | ROA(%) |
|---------------------------------------------|----------|----------|--------------------|---------|------|-------|-------------|---------|------|--------|--------|
| Company                                     | Ticker   | Currency | Price              | 17A     | 18F  | 19F   | 17A         | 18F     | 19F  | 18F    | 18F    |
| JS Online Game Companies                    |          |          |                    |         |      |       |             |         |      |        |        |
| Changyou                                    | CYOU US  | USD      | 18.530             | 9.0     | 13.2 | 10.0  | 0.7         | 1.3     | 1.2  | 11.0   | 12.9   |
| Electronic Arts Inc                         | EA US    | USD      | 132.180            | 41.4    | 39.0 | 26.4  | 10.0        | 8.8     | 7.6  | 24.1   | 12.8   |
| Activision Blizzard Inc                     | ATVI US  | USD      | 71.350             | 198.2   | 27.5 | 23.7  | 5.7         | 4.9     | 4.1  | 18.4   | 10.4   |
| Netease                                     | NTES US  | USD      | 235.380            | 19.5    | 18.5 | 15.3  | 4.4         | 3.6     | 3.0  | 18.8   | 12.9   |
| Simple Average                              |          |          |                    | 67.0    | 24.5 | 18.9  | 5.2         | 4.7     | 4.0  | 18.1   | 12.3   |
| Weighted Average                            |          |          |                    | 103.0   | 28.9 | 22.4  | 6.7         | 5.8     | 4.9  | 20.2   | 11.8   |
|                                             |          |          |                    |         |      |       |             |         |      |        |        |
| HK Online Game Companies                    |          |          |                    |         |      |       |             |         |      |        |        |
| <br>  Tencent                               | 00700 HK | HKD      | 408.000            | 46.5    | 37.5 | 28.4  | 12.6        | 9.3     | 7.3  | 28.2   | 13.9   |
| Boyaa Interactive Int.                      | 00434 HK | HKD      | 2.970              | 7.3     | 6.0  | 5.8   | 0.9         | 0.6     | 0.5  | 10.7   | 8.7    |
| GG                                          | 00799 HK | HKD      | 12.720             | 13.9    | 9.8  | 9.0   | 9.4         | 5.5     | 4.1  | 66.2   | 50.5   |
| Netdragon                                   | 00777 HK | HKD      | 19.820             | n.a.    | 85.8 | 37.3  | 1.9         | 1.8     | 1.7  | 3.0    | 2.1    |
| Simple Average                              |          |          |                    | 22.6    | 34.8 | 20.1  | 6.2         | 4.3     | 3.4  | 27.1   | 18.8   |
| Weighted Average                            |          |          |                    | 46.3    | 37.5 | 28.3  | 12.6        | 9.3     | 7.2  | 28.3   | 14.0   |
|                                             |          |          |                    |         |      |       | -           |         | -    |        |        |
| Advertising Companies                       |          |          |                    |         |      |       |             |         |      |        |        |
| Sohu.Com Inc                                | SOHU US  | USD      | 35.950             | n.a.    | n.a. | n.a.  | 1.9         | 2.0     | 2.3  | (52.5) | (10.3) |
| Weibo                                       | WB US    | USD      | 102.660            | 64.2    | 36.9 | 25.4  | 19.2        | 12.8    | 8.5  | 40.7   | 23.4   |
| Bitauto                                     | BITA US  | USD      | 23.070             | n.a.    | 15.5 | 10.6  | 1.0         | 0.7     | 0.7  | 1.9    | 0.7    |
| Cheetah Mobile                              | CMCM US  | USD      | 12.850             | 9.0     | 28.6 | 19.3  | 2.7         | 2.3     | 2.0  | 9.6    | 7.8    |
| 58.com                                      | WUBA US  | USD      | 83.200             | 63.7    | 35.4 | 26.1  | 4.1         | 3.7     | 3.3  | 10.3   | 7.9    |
| Soufun                                      | SFUN US  | USD      | 5.410              | 108.2   | 22.0 | 16.1  | 3.2         | 2.9     | 2.4  | 15.0   | 5.7    |
| Phoenix New Media                           | FENG US  | USD      | 5.620              | 72.7    | 50.6 | 28.7  | 1.1         | 1.1     | 1.0  | 2.3    | 1.5    |
| Sina                                        | SINA US  | USD      | 90.390             | 41.1    | 28.1 | 18.2  | 2.3         | 2.0     | 1.8  | 7.0    | 5.4    |
| Facebook                                    | FB US    | USD      | 183.800            | 33.5    | 21.4 | 17.8  | 7.2         | 5.7     | 4.3  | 24.8   | 21.7   |
| Simple Average                              | 1000     | OOD      | 100.000            | 56.0    | 29.8 | 20.3  | 4.7         | 3.7     | 2.9  | 6.6    | 7.1    |
| Weighted Average                            |          |          |                    | 35.7    | 22.4 | 18.2  | 7.5         | 5.9     | 4.4  | 24.5   | 21.0   |
| vvelgitted Average                          |          |          |                    | 30.1    | 22.4 | 10.2  | 1.5         | 0.0     | 7.7  | 24.0   | 21.0   |
| E-commerce Companies                        |          |          |                    |         |      |       |             |         |      |        |        |
| Alibaba                                     | BABA US  | USD      | 195.870            | 75.2    | 51.7 | 30.4  | 12.2        | 8.6     | 6.8  | 19.9   | 10.5   |
| VIPSHOP                                     | VIPS US  | USD      | 12.120             | 24.7    | 16.2 | 12.1  | 3.6         | 3.1     | 2.5  | 16.1   | 5.8    |
|                                             | EBAY US  | USD      | 37.770             |         | 16.5 | 14.3  | 4.8         | 5.2     | 4.7  | 28.2   | 8.7    |
| EBay                                        | JD US    | USD      |                    | n.a.    |      | 36.1  |             | 6.2     | 5.6  | 3.3    | 0.6    |
| JD.com<br>AMAZON                            | MZN US   |          | 36.360<br>1581.400 | n.a.    | 54.3 |       | 6.5<br>27.6 |         |      |        |        |
|                                             | MZN US   | USD      | 1581.400           | 250.2   | 77.3 | 55.5  |             | 19.8    | 14.2 | 16.3   | 3.8    |
| Simple Average                              |          |          |                    | 137.4   | 41.1 | 29.5  | 10.6        | 8.6     | 6.7  | 16.0   | 4.7    |
| Weighted Average                            |          |          |                    | 247.9   | 72.7 | 52.2  | 25.1        | 18.2    | 13.2 | 16.0   | 3.9    |
|                                             |          |          |                    |         |      |       |             |         |      |        |        |
| Search Engine Companies                     | 0000 110 | HCD      | 1075 240           | E0.0    | 20.0 | 10.0  | 4.0         | 4.4     | 2.4  | 47.4   | 447    |
| Alphabet Inc                                | GOOG US  | USD      | 1075.310           | 58.9    | 20.9 | 18.6  | 4.9         | 4.1     | 3.4  | 17.4   | 14.7   |
| Baidu                                       | BIDU US  | USD      | 239.970            | 30.7    | 23.3 | 19.8  | 4.7         | 3.9     | 3.3  | 16.2   | 7.9    |
| Simple Average                              |          |          |                    | 44.8    | 22.1 | 19.2  | 4.8         | 4.0     | 3.3  | 16.8   | 11.3   |
| Weighted Average                            |          |          |                    | 56.0    | 21.1 | 18.7  | 4.9         | 4.1     | 3.4  | 17.3   | 14.0   |
| O !! A                                      |          |          |                    | 07.5    | 00.5 | 0.1.5 |             |         |      | 10.0   |        |
| Overall Average                             |          |          |                    | 65.6    | 30.5 | 21.6  | 6.3         | 5.0     | 4.1  | 16.9   | 10.8   |
| Overall Weighted Average Source: Bloomberg. |          |          |                    | 97.8    | 36.5 | 28.0  | 11.4        | 8.7     | 6.6  | 21.3   | 12.9   |



**Table-6: Technical Terms Glossary** 

| Abbreviation | Definitions                                       | 定义             |
|--------------|---------------------------------------------------|----------------|
| IVAS         | Internet Value-Added Services                     | 互联网增值服务        |
| MVAS         | Mobile and Telecommunication Value-Added Services | 移动及电信增值服务      |
| VAS          | Value-Added Services                              | 电讯服务           |
| LOL          | League of Legends                                 | 英雄联盟           |
| DNF          | Dungeon and Fighter                               | 地下城与勇士         |
| ACU          | Average Concurrent User Accounts                  | 平均同时在线用户数      |
| PCU          | Peak Concurrent User Accounts                     | 最高同时在线用户数      |
| TAC          | Traffic Acquisition Cost                          | 流量获得成本         |
| TLBB         | Tian Long Ba Bu                                   | 天龙八部           |
| TMT          | Technology, Media and Telecom                     | 电信、媒体和科技       |
| ACG          | Advanced Casual Game                              | 高级休闲游戏         |
| MCG          | Mini Casual Game                                  | 小型休闲游戏         |
| ARPU         | Average Revenue Per User                          | 平均每月用户收入       |
| DAU          | Daily Active User Accounts                        | 日活跃用户数         |
| FPS          | First Person Shooting                             | 第一人称射击游戏       |
| MMO Racing   | Massive Multiplayer Online Racing                 | 大型多人在线赛车游戏     |
| MMOFPS       | Massive Multiplayer Online First-Person Shoot     | 大型多人在线第一人称射击游戏 |
| MMOG         | Massive Multiplayer Online Game                   | 大型多人在线音乐游戏     |
| MMORPG       | Massive Multiplayer Online Role-Playing Game      | 大型多人在线角色扮演游戏   |
| MMORTS       | Massive Multiplayer Online Real-Time Strategy     | 大型多人在线实时战略游戏   |
| SNS          | Social Network Site                               | 社交网站           |



## **Financial Statements and Ratios**

| Income Statement            |          |           |           |           |           |  |  |  |  |
|-----------------------------|----------|-----------|-----------|-----------|-----------|--|--|--|--|
|                             |          |           |           |           |           |  |  |  |  |
| Year end 31 Dec (RMB m)     | 2016A    | 2017A     | 2018F     | 2019F     | 2020F     |  |  |  |  |
| VAS                         | 107,810  | 153,983   | 201,252   | 251,733   | 299,359   |  |  |  |  |
| Online advertising          | 26,970   | 40,439    | 56,615    | 74,731    | 91,919    |  |  |  |  |
| Others                      | 17,158   | 43,338    | 78,008    | 128,714   | 184,061   |  |  |  |  |
| Total Revenue               | 151,938  | 237,760   | 335,875   | 455,179   | 575,340   |  |  |  |  |
| Cost of revenues            | (67,439) | (120,835) | (174,655) | (243,521) | (316,437) |  |  |  |  |
| Gross profit                | 84,499   | 116,925   | 161,220   | 211,658   | 258,903   |  |  |  |  |
|                             |          |           |           |           |           |  |  |  |  |
| Interest Income             | 2,619    | 3,940     | 5,686     | 7,255     | 6,445     |  |  |  |  |
| Other gains, net            | 3,594    | 20,140    | 10,070    | 8,560     | 6,848     |  |  |  |  |
| S&M                         | (12,136) | (17,652)  | (25,191)  | (34,594)  | (44,301)  |  |  |  |  |
| G&A                         | (22,459) | (33,051)  | (44,000)  | (59,173)  | (74,794)  |  |  |  |  |
| Operating Profit            | 56,117   | 90,302    | 107,786   | 133,706   | 153,100   |  |  |  |  |
| Finance cost, net           | (1,955)  | (2,908)   | (3,543)   | (4,574)   | (5,318)   |  |  |  |  |
| Share of associate / JC     | (2,522)  | 821       | 862       | 905       | 950       |  |  |  |  |
| Profit Before Tax           | 51,640   | 88,215    | 105,105   | 130,037   | 148,733   |  |  |  |  |
| Income Tax                  | (10,193) | (15,744)  | (18,758)  | (25,747)  | (29,449)  |  |  |  |  |
| Profit After Tax            | 41,447   | 72,471    | 86,346    | 104,290   | 119,284   |  |  |  |  |
| Non-controlling Interest    | (352)    | (961)     | (2,418)   | (2,920)   | (3,340)   |  |  |  |  |
| Shareholders' Profit / Loss | 41,095   | 71,510    | 83,929    | 101,370   | 115,944   |  |  |  |  |
| Basic EPS                   | 4.383    | 7.599     | 8.831     | 10.634    | 12.127    |  |  |  |  |

| Cash Flow Statement                       |          |          |           |           |           |  |  |  |  |  |
|-------------------------------------------|----------|----------|-----------|-----------|-----------|--|--|--|--|--|
|                                           |          |          |           |           |           |  |  |  |  |  |
| Year end 31 Dec (RMB m)                   | 2016A    | 2017A    | 2018F     | 2019F     | 2020F     |  |  |  |  |  |
| Profit before taxation                    | 41,447   | 72,471   | 86,346    | 104,290   | 119,284   |  |  |  |  |  |
| Depreciation & Amortisation of intangible |          |          |           |           |           |  |  |  |  |  |
| assets                                    | 12,741   | 13,723   | 14,781    | 15,921    | 17,149    |  |  |  |  |  |
| Changes in working capital                | 10,967   | 30,305   | 12,743    | (56,703)  | (63,744)  |  |  |  |  |  |
| Income tax paid                           | (10,516) | (11,244) | (16,395)  | (23,763)  | (28,183)  |  |  |  |  |  |
| Others                                    | 686      | (14,859) | 2,089     | 1,535     | 1,548     |  |  |  |  |  |
| Cash from Operating Activities            | 65,518   | 106,140  | 118,323   | 67,027    | 75,503    |  |  |  |  |  |
|                                           |          |          |           |           |           |  |  |  |  |  |
| CAPEX                                     | (8,399)  | (7,475)  | (6,653)   | (5,921)   | (5,270)   |  |  |  |  |  |
| Financial assets purchases                | (33,556) | (41,686) | (43,353)  | (45,088)  | (46,891)  |  |  |  |  |  |
| Associates & JV investments               | (12,320) | (13,608) | (11,253)  | (9,340)   | (7,783)   |  |  |  |  |  |
| Others                                    | (16,648) | (33,623) | (46,480)  | (59,702)  | (73,458)  |  |  |  |  |  |
| Cash from Investing Activities            | (70,923) | (96,392) | (107,740) | (120,051) | (133,402) |  |  |  |  |  |
|                                           |          |          |           |           |           |  |  |  |  |  |
| Dividends paid to the Company's           |          |          |           |           |           |  |  |  |  |  |
| shareholders                              | (4,606)  | (3,884)  | (5,305)   | (6,226)   | (7,520)   |  |  |  |  |  |
| Change in borrowings                      | 42,090   | 37,614   | 21,912    | 40,836    | 29,353    |  |  |  |  |  |
| Others                                    | (6,041)  | (7,132)  | 5,646     | 3,975     | 2,817     |  |  |  |  |  |
| Cash from Financing Activities            | 31,443   | 26,598   | 22,254    | 38,586    | 24,650    |  |  |  |  |  |
|                                           |          |          |           |           |           |  |  |  |  |  |
| Net Changes in Cash                       | 26,038   | 36,346   | 32,837    | (14,437)  | (33,248)  |  |  |  |  |  |
| Cash at Beg of Year                       | 43,438   | 71,902   | 105,697   | 135,881   | 118,684   |  |  |  |  |  |
| FX change                                 | 2,426    | (2,551)  | (2,653)   | (2,759)   | (2,870)   |  |  |  |  |  |
| Cash at End of Year                       | 71,902   | 105,697  | 135,881   | 118,684   | 82,566    |  |  |  |  |  |

|                                     |         |         |         |         |         | L |
|-------------------------------------|---------|---------|---------|---------|---------|---|
|                                     |         |         |         |         |         |   |
| Year end 31 Dec (RMB m)             | 2016A   | 2017A   | 2018F   | 2019F   | 2020F   |   |
| PPE                                 | 13,900  | 23,597  | 33,145  | 43,068  | 56,533  |   |
| Intangible assets                   | 36,467  | 40,266  | 58,386  | 81,740  | 130,784 |   |
| Investment in JCE & associates      | 70,672  | 121,605 | 160,434 | 230,626 | 264,413 |   |
| Others                              | 125,706 | 190,758 | 213,788 | 246,368 | 264,852 |   |
| Total Non-current Assets            | 246,745 | 376,226 | 465,752 | 601,802 | 716,582 |   |
|                                     |         |         |         |         |         |   |
| Accounts receivable                 | 10,152  | 16,549  | 18,369  | 21,860  | 26,013  |   |
| Other receivables                   | 14,118  | 17,110  | 18,821  | 20,327  | 21,953  |   |
| Cash & Cash Equivalents             | 71,902  | 105,697 | 135,881 | 118,684 | 82,566  |   |
| Others                              | 52,982  | 39,090  | 31,924  | 26,354  | 21,904  |   |
| Total Current Assets                | 149,154 | 178,446 | 204,995 | 187,225 | 152,436 |   |
|                                     |         |         |         |         |         |   |
| Total Assets                        | 395,899 | 554,672 | 670,747 | 789,027 | 869,018 |   |
|                                     |         |         |         |         |         |   |
| Accounts payable                    | 27,413  | 50,085  | 57,598  | 63,358  | 66,525  |   |
| Deferred revenue, current portion   | 31,203  | 42,132  | 48,452  | 53,297  | 57,561  |   |
| Accrued expenses and other payables | 24,339  | 34,185  | 38,706  | 42,853  | 45,364  |   |
| Others                              | 18,242  | 25,338  | 32,657  | 40,673  | 44,490  |   |
| Total Current Liabilities           | 101,197 | 151,740 | 177,412 | 200,181 | 213,940 |   |
|                                     |         |         |         |         |         |   |
| Note payable                        | 36,204  | 29,363  | 35,236  | 39,464  | 42,621  |   |
| Long term borrowings                | 57,549  | 82,094  | 98,513  | 132,992 | 159,591 |   |
| Others                              | 14,702  | 14,382  | 16,805  | 19,311  | 21,673  |   |
| Total Non-current Liabilities       | 108,455 | 125,839 | 150,554 | 191,767 | 223,884 |   |
|                                     |         |         |         |         |         |   |
| Total Liabilities                   | 209,652 | 277,579 | 327,966 | 391,948 | 437,824 |   |
| Share capital                       | 14,188  | 18,234  | 21,168  | 23,036  | 25,060  |   |
| Reserves                            | 160,436 | 237,840 | 296,243 | 342,661 | 374,751 |   |
| Total Shareholders' Equity          | 174,624 | 256,074 | 317,410 | 365,697 | 399,811 |   |
| Minority Interest                   | 11,623  | 21,019  | 25,371  | 31,383  | 31,383  |   |
| Total Equity                        | 186,247 | 277,093 | 342,781 | 397,079 | 431,194 |   |
|                                     |         |         |         |         |         |   |

Balance Sheet

| Financial Ratios |          |          |          |       |       |  |
|------------------|----------|----------|----------|-------|-------|--|
|                  | 2016A    | 2017A    | 2018F    | 2019F | 2020F |  |
| Gross margin     | 55.6     | 49.2     | 48.0     | 46.5  | 45.0  |  |
| Operating margin | 36.9     | 38.0     | 32.1     | 29.4  | 26.6  |  |
| Net margin       | 27.0     | 30.1     | 25.0     | 22.3  | 20.2  |  |
| Net gearing      | Net cash | Net cash | Net cash | 16.4  | 33.7  |  |

Source: the Company, Guotai Junan International.



### **Company Rating Definition**

The Benchmark: Hong Kong Hang Seng Index

Time Horizon: 6 to 18 months

| Rating     |    | Definition                                                                                               |
|------------|----|----------------------------------------------------------------------------------------------------------|
| Buy        | 买入 | Relative Performance>15%; or the fundamental outlook of the company or sector is favorable.              |
| Accumulate | 收集 | Relative Performance is 5% to 15%; or the fundamental outlook of the company or sector is favorable.     |
| Neutral    | 中性 | Relative Performance is -5% to 5%; or the fundamental outlook of the company or sector is neutral.       |
| Reduce     | 减持 | Relative Performance is -5% to -15%; or the fundamental outlook of the company or sector is unfavorable. |
| Sell       | 卖出 | Relative Performance <-15%; or the fundamental outlook of the company or sector is unfavorable.          |

### **Sector Rating Definition**

The Benchmark: Hong Kong Hang Seng Index

Time Horizon: 6 to 18 months

| Rating       |      | Definition                                                                              |
|--------------|------|-----------------------------------------------------------------------------------------|
| Outperform   | 跑赢大市 | Relative Performance>5%; or the fundamental outlook of the sector is favorable.         |
| Neutral      | 中性   | Relative Performance is -5% to 5%; or the fundamental outlook of the sector is neutral. |
| Underperform | 跑输大市 | Relative Performance<-5%; Or the fundamental outlook of the sector is unfavorable.      |

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