## JD.com, Inc.

## Financial and Operational Highlights

November 2017

## JD.COM 京东

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## Fragmented Retail Market \& Rapid Shift to Online

Robust Growth in China Retail ...

China Total Retail
Market Size ${ }^{(1)}$
(RMB Trillions)

## 11.6\% <br> 2012-16 CAGR


... Yet Highly Fragmented ...

Top 20 Retailers' Market Concentration in $2016^{(2)}$

... With Increasing Online Penetration ...

China Online Retail Penetration ${ }^{(3)}$

.. Leading to Significant
Online Growth

China Online Retail Market Size ${ }^{(4)}$
(RMB Trillions)

(1) Source: National Bureau of Statistics of China, and U.S. Census Bureau. Total retail consumption includes food services. US consumption is translated into RMB using the year-end foreign exchange rates, which were 6.2301 for 2012, and 6.9430 for 2016 , respectively.
(2) Source: Euromonitor 2016. Concentration for China retail market excludes pure platform operators.
(3) Source: National Bureau of Statistics of China. Online retail penetration is calculated as online consumption of physical goods divided by total retail consumption.
(4) Source: iResearch, 2016. Market size in terms of GMV

## Larger Growth Potential and Smaller Competitors (vs. US Market)

Top 10 Listed Retailers in China ${ }^{(1)}$


Top 10 Listed Retailers in US ${ }^{(2)}$


Market leadership and operating efficiency allows everyday low price and margin expansion potential, driven by economies of scale and cost advantage.
(1) Source: company filings. Based on total net revenues for top 10 listed Chinese retailers in FY2016. The conversion of RMB into US\$ is based on the noon buying rate in The City of New York for cable transfers in RMB per US\$ as of December 31, 2016, which was RMB6.9430 to US\$1.00. The year-over-year revenue growth rates were calculated based on revenues in RMB. Net Revenue for JD includes discontinued operations.
(2) Source: company filings. Based on retail sales in the United States or North America segments of top 10 listed US retailers, for fiscal year ended 31 Jan 2017 for Walmart, 28 Jan 2017 for Kroger, 29 Jan 2017 for Home Depot, 28 Aug 2016 for Costco, 31 Aug 2017 for Walgreens, 31 Dec 2016 for CVS Caremark and Amazon, 28 Jan 2017 for Target, 3 Feb 2017 for Low's, and 28 Jan 2017 for Best Buy.

## Financial and Operational Highlights

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## Growth Momentum and Margin Expansion



Non-GAAP Income/(Loss) from Operations ${ }^{(3)}$
(RMB Billions)


(1) Data for 2012 and 2013 include discontinued operations and are before logistics cost reclassification. All other periods are from continuing operations and after logistics cost reclassification.
(2) Non-GAAP gross profit is defined as the difference of net revenues and cost of revenues excluding revenue from business cooperation arrangements with equity investees and share-based compensation included in cost of revenues.
(3) Non-GAAP income/(loss) from operations is defined as income/(loss) from operations excluding share-based compensation, amortization of intangible assets resulting from assets and business acquisitions, revenue from business cooperation arrangements with equity investees and impairment of goodwill and intangible assets.
(4) Non-GAAP net income/(loss) is defined as net income/(loss) excluding share-based compensation, amortization of intangible assets resulting from assets and business acquisitions, revenue from business cooperation arrangements with equity investees, gain on disposals of business, income from non-compete agreement, reconciling items on the share of equity method investments, impairment of goodwill, intangible assets and investments.

## Quarterly Financial Highlights for Continuing Operations



## Non-GAAP Income from Operations (1)(3)

(RMB Billions)
Non-GAAP Net Income (1)(4)
(RMB Billions)

(1) Data for all periods are for continuing operations.
(2) Non-GAAP gross profit is defined as the difference of net revenues and cost of revenue, excluding revenue from business cooperation arrangements with equity investees and share-based compensation included in cost of revenues. Non-GAAP gross margin is calculated by dividing non-GAAP gross profit by net revenues.
(3) Non-GAAP income from operations is defined as income/(loss) from operations excluding share-based compensation, amortization of intangible assets resulting from assets and business acquisitions, revenue from business cooperation arrangements with equity investees and impairment of goodwill and intangible assets. NonGAAP operating margin is calculated by dividing non-GAAP income from operations by net revenues.
(4) Non-GAAP net income is defined as net income/(loss) excluding share-based compensation, amortization of intangible assets resulting from assets and business acquisitions, revenue from business cooperation arrangements with equity investees, gain on disposals of business, income from non-compete agreement, reconciling items on the share of equity method investments, impairment of goodwill, intangible assets and investments. Non-GAAP net margin is calculated by dividing non-

## Cash Flow Generation

Adjusted Operating Cash Flow ${ }^{(1)}$

(1) Adjusted operating cash flow is defined as net cash provided by operating activities adding back the impact from JD Finance related credit products included in the operating cash flow.
(2) Data for TTM 3Q16 and 3Q17 are from continuing operations
(3) Capital expenditures include purchase of property, equipment and software, cash paid for construction in progress, purchase of intangible assets and land use rights.

7 (4) Free cash flow is defined as operating cash flow adding back the impact from JD Finance related credit products included in the operating cash flow, and less capital expenditures, which include purchase of property, equipment and software, cash paid for construction in progress, purchase of intangible assets and land use rights.

## Unaudited Selected Financial Data of Continuing Operations

| Unaudited Selected Financial Data of Continuing Operations ${ }^{(1)}$ (in RMB Thousands) | 1 Q2016 | 2 Q2016 | 3Q2016 | 4Q2016 | 1Q2017 | 2Q2017 | 3Q2017 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net revenues | 53,808,159 | 64,896,935 | 60,173,725 | 79,411,128 | 75,218,187 | 93,201,975 | 83,746,258 |
| Non-GAAP Operating expenses |  |  |  |  |  |  |  |
| Cost of revenues | $(46,771,883)$ | $(56,047,580)$ | $(51,532,610)$ | $(68,565,079)$ | $(64,389,968)$ | $(80,548,598)$ | (70,756,273) |
| Fulfillment | $(3,901,492)$ | $(4,500,119)$ | $(4,404,036)$ | $(5,329,030)$ | $(5,032,069)$ | $(6,220,418)$ | $(6,217,479)$ |
| Marketing | $(1,700,474)$ | $(2,163,995)$ | $(1,800,983)$ | $(3,183,759)$ | $(2,477,657)$ | $(3,732,024)$ | $(2,954,269)$ |
| Technology and content | $(860,347)$ | $(975,040)$ | $(1,073,782)$ | $(1,027,396)$ | $(1,152,016)$ | $(1,349,385)$ | $(1,550,251)$ |
| General and administrative | $(390,125)$ | $(470,582)$ | $(592,085)$ | $(580,994)$ | $(529,334)$ | $(564,722)$ | $(584,944)$ |
| Non-GAAP gross profit ${ }^{(2)}$ | 6,830,615 | 8,633,334 | 8,413,149 | 10,676,211 | 10,618,588 | 12,448,409 | 12,779,015 |
| Non-GAAP Income/(Loss) from operations ${ }^{(3)}$ | $(21,823)$ | 523,598 | 542,263 | 555,032 | 1,427,512 | 581,860 | 1,472,072 |
| Non-GAAP net income ${ }^{(4)}$ | 191,418 | 603,958 | 463,912 | 761,268 | 1,301,743 | 952,433 | 2,184,472 |
| Non-GAAP gross margin ${ }^{(2)}$ | 12.7\% | 13.3\% | 14.0\% | 13.4\% | 14.1\% | 13.4\% | 15.3\% |
| Non-GAAP operating margin ${ }^{(3)}$ | (0.04)\% | 0.8\% | 0.9\% | 0.7\% | 1.9\% | 0.6\% | 1.8\% |
| Non-GAAP net margin ${ }^{(4)}$ | 0.4\% | 0.9\% | 0.8\% | 1.0\% | 1.7\% | 1.0\% | 2.6\% |

(1) All periods are presented to reflect the results of continuing operations after JD Finance deconsolidation and JD Logistics cost reclassification.
(2) Non-GAAP gross margin is calculated by dividing non-GAAP gross profit by net revenues. Non-GAAP gross profit is defined as the difference of net revenues and cost of revenue, excluding revenue from business cooperation arrangements with equity investees and share-based compensation included in cost of revenues.
(3) Non-GAAP operating margin is calculated by dividing non-GAAP income/(loss) from operations by net revenues. Non-GAAP income/(loss) from operations is defined as income/(loss) from operations excluding share-based compensation, amortization of intangible assets resulting from assets and business acquisitions, revenue from business cooperation arrangements with equity investees and impairment of goodwill and intangible assets.
(4) Non-GAAP net margin is calculated by dividing non-GAAP income/(loss) by net revenues. Non-GAAP net income/(loss) is defined as net income/(loss) excluding sharebased compensation, amortization of intangible assets resulting from assets and business acquisitions, revenue from business cooperation arrangements with equity investees, gain on disposals of business, income from non-compete agreement, reconciling items on the share of equity method investments, impairment of goodwill,

## Supplemental Financial Information and Business Metrics

| Supplemental Information | 1 Q2016 | 2Q2016 | 3Q2016 | 4 Q 2016 | 1 Q2017 | 2Q2017 | 3Q2017 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Annual active customer accounts ${ }^{(1)}$ (in millions) | 169.1 | 188.1 | 198.7 | 226.6 | 236.5 | 258.3 | 266.3 |
| Inventory turnover days ${ }^{(2)}$ - TTM | 36.8 | 38.0 | 37.3 | 37.6 | 36.7 | 36.3 | 36.9 |
| Accounts payable turnover days ${ }^{(2)}-\mathrm{TTM}$ | 45.7 | 49.2 | 51.5 | 52.0 | 52.3 | 56.2 | 58.4 |
| Accounts receivable turnover days ${ }^{(2)}$ - TTM | 1.3 | 1.3 | 1.2 | 1.3 | 1.2 | 1.2 | 1.3 |
| Free Cash Flow ${ }^{(3)}$ - TTM (in RMB billions) | 4.4 | 9.2 | 15.0 | 13.5 | 17.3 | 28.9 | 14.6 |

[^0](2) Turnover days on a trailing twelve months basis are the quotient of average inventory, accounts payable, and accounts receivable over five consecutive quarter ends to total cost of revenues (and total net revenues for AR turnover days) for the last twelve months, and then multiplied by 360 days; AP turnover days are for online direct sales business; AR turnover days exclude the impact from JD Baitiao.
(3) Free cash flow is defined as operating cash flow adding back the impact from JD Finance related credit products included in the operating cash flow, and less capital expenditures, which include purchase of property, equipment and software, cash paid for construction in progress, purchase of intangible assets and land use rights.

## Key Operating Metrics

Active Customer Accounts ${ }^{(1)}$
(Millions)


Average Number of Purchases by Active Customer Accounts in 2008


## Nationwide Logistics Network

Nationwide Warehouse Network \& Last-mile Reach ${ }^{(1)}$


## Rapid Expansion \& Best-in-Class Fulfillment Capabilities ${ }^{(1)}$

| Fulfilment <br> Centers | $\mathbf{7}$ cities |
| :--- | :--- |
| Front Distribution <br> Centers | $\mathbf{2 7}$ cities |

Warehouses
GFA $\sim 9$ million sq.m.

Self-built Mega
Warehouses

Geographic
Coverage

9 projects in 6 cities

2,830 counties \& districts

Provides best-in-class customer experience.



[^0]:    (1) Selected operating data for all presented periods exclude Paipai.com

