

Equity Research

Xiaomi Corporation

Earnings preview

The launch of Mi9 and 5G Mix 3 marks the start of a new era

Reiterate Buy rating; Mi9 and 5G Mix 3 mark the start of a new era that focusing on high-performance premium smartphones

Xiaomi recently launched two flagship smartphones: the Mi9 and 5G Mix 3. We believe these two new smartphone models and the independent operation of Red Mi brand reflect Xiaomi's strategy to strengthen its market share in high-performance premium smartphone segment. It is of vital importance that Xiaomi gains market share in the premium smartphone segment to capture the replacement demand in 5G era. Having said that, Xiaomi products have maintained its competitive price given similar performance which is achieved through high efficiency. We find Xiaomi's commitment to R&D encouraging and believe the increase in premium smartphone sales is key to Xiaomi's monetization potential.

Mi9 - the No.1 Android smartphone with the highest performance score with very attractive price

We recently attended Mi9's launch ceremony in Beijing. Xiaomi Mi9 is the world first smartphone embedded with Snapdragon 855. Its performance score of over 380,000 on Antutu.com marks it the highest performance Android smartphone so far (Figure 12). Xiaomi has setup its US research centre in 2017 to actively participate in the design and optimization of Snapdragon 855. The triple camera setup consists of a 48MP IMX 586 main sensor, a 16MP 117° ultra-wide camera and a 12MP telephoto camera with 2x optical zoom. The price set at Rmb 2,999 for 6GB/128GB model is very attractive.

Middle/high-end smartphone sales key to 5G strategy and monetization; IoT products network may bring further upside

As of Sep-18, Xiaomi had approximately 224 million MAUs on its MIUI. As Xiaomi gradually moves to middle/high-end segment, its monetization potential can be further explored - we forecast internet service segment's contribution in revenue to increase to 12.3% in 2020e from 8.6% in 2017. Xiaomi has also built the world's largest IoT platform with 115 million connected devices which enables the collection of a vast amount of real-time data, which in turn furthers the development of various consumer applications and consumption scenes.

2018 earnings preview: smartphone ASP, IoT product sales and internet revenue key things to watch

Given the challenging macro headwind, we have adjusted our 2018 forecast to reflect a soft global smartphone market in Q418. We forecast a FY18 revenue of Rmb 172bn (+50% yoy) and non-IFRS net profit of Rmb 8.0bn (+49% yoy).

2018e-2020e non-IFRS net profit to grow at a CAGR of 40%

We forecast revenue to grow at a CAGR of 24% during 2018-2020e. We forecast non-IFRS net margin to expand from 4.6% in 2018e to 5.9% in 2020e. Sustainable growth shall be driven by a continued innovation in hardware shipment, ASP and internet services to further boost user engagement. Expansion in new markets shall also contribute to a strong sales growth.

Price target: HK\$22.0 (81% upside)

We derive our Dec-19 price target of HK\$22.0 per share using a discounted cash flow model, assuming 13.4% cost of equity, 3% long-term growth rate.

Stock code: 1810.HK

Rating: Buy

Price target (HK\$)	22.0
Current price (HK\$, 27 Feb 2019)	12.1
Upside/downside %	81%
Market cap (HK\$ m)	290,069
Market cap (US\$ m)	36,953
Avg daily turnover (HK\$ m)	985

Source: Bloomberg, AMTD Research

Key forecasts

(Rmb m)	2017	2018e	2019e
Non-IFRS net	5,362	8,008	10,822
profit			
yoy %	183%	49%	35%
Revenue	114,625	172,472	212,415
yoy %	67%	50%	23%
Smartphone	91	122	137
shipment (m)			
yoy %	65%	33%	13%
Gross margin	13.2%	12.6%	13.8%
Non-IFRS net	4.7%	4.6%	5.1%
margin			
EPS	5.49	0.36	0.48

Source: Company data, AMTD Research

Valuation

	2017	2018e	2019e
P/E (adjusted)	48.1	32.2	23.9
P/S	2.3	1.5	1.2
ROE	na	na	17.5%
ROA	na	7.6%	8.2%

Source: Bloomberg, AMTD Research

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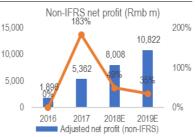
Focus charts

Figure 1: Xiaomi revenue forecast



Source: Company data, AMTD estimates

Figure 2: Xiaomi non-IFRS net profit forecast



Source: Company data, AMTD estimates

Figure 3: Xiaomi non-IFRS net margin forecast



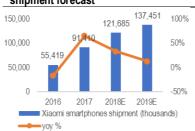
Source: Company data, AMTD estimates

Figure 4: Xiaomi revenue mix forecast 80%



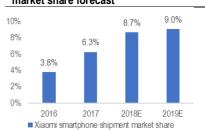
Source: Company data, AMTD estimates

Figure 5: Xiaomi smartphone shipment forecast



Source: Company data, AMTD estimates

Figure 6: Xiaomi global smartphone market share forecast



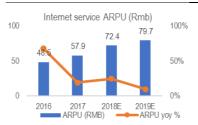
Source: Company data, AMTD estimates

Figure 7: Xiaomi smartphone ASP forecast



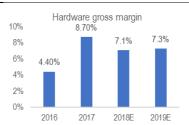
Source: Company data, AMTD estimates

Figure 8: Xiaomi internet service **ARPU** forecast



Source: Company data, AMTD estimates

Figure 9: Xiaomi hardware gross margin forecast



Source: Company data, AMTD estimates

Figure 10: Xiaomi Mi9 specs



Source: Company disclosure

Figure 11: Xiaomi Mix 3 5G



Source: Company disclosure

Figure 12: Antutu's testing of existing Android phones before the launch of Mi9



Source: Company disclosure

Figure 13: Xiaomi's P&L forecast

Rmb m	2015	2016	2017	2018e	2019e	2020
Profit & loss						
Revenue	66,811	68,434	114,625	172,472	212,415	264,47
Smartphones	53,715	48,764	80,564	117,462	134,745	162,86
IoT and lifestyle products	8,691	12,415	23,448	37,455	52,884	68,06
Internet services	3,239	6,538	9,896	16,336	23,445	32,13
Advertising	1,821	3,838	5,614	10,667	16,534	24,80
IVAS	1,419	2,699	4,282	5,669	6,911	7,33
Others	1,166	717	717	1,219	1,341	1,40
Cost of sales	(64,111)	(61,185)	(99,471)	(150,678)	(183,204)	(224,417
Gross profit	2,700	7,249	15,154	21,794	29,212	40,05
Gross margin	4.0%	10.6%	13.2%	12.6%	13.8%	15.19
Operating expenses	(4,191)	(6,053)	(9,599)	(25, 181)	(19,967)	(25,91
Selling and marketing expenses	(1,913)	(3,022)	(5,232)	(7,934)	(10,196)	(13,224
Administrative expenses	(766)	(927)	(1,216)	(11,728)	(2,549)	(3,438
R&D expenses	(1,512)	(2,104)	(3,151)	(5,519)	(7,222)	(9,25)
EBIT	(1,491)	1,196	5,555	(3,387)	9,245	14,13
Fair value changes on investments	2,813	2,727	6,371	2,200	1,000	1,00
Share of losses of investments	(93)	(150)	(231)	(450)	(200)	(20
Other income	522	540	449	850	300	30
Other (losses)/gains, net	(379)	(528)	72	(58)	-	
Operating profit (reported)	1,373	3,785	12,215	(845)	10,345	15,23
Finance (expense)/income, net	(86)	(86)	27	163	262	35
Fair value changes of convertible redeemable						
preferred shares	(8,759)	(2,523)	(54,072)	12,461	-	
PBT	(7,473)	1,176	(41,829)	11,780	10,606	15,58
Income tax expenses	(155)	(684)	(2,060)	(500)	(1,759)	(2,590
(Loss)/profit for the year	(7,627)	492	(43,889)	11,280	8,848	12,99
Minority interest	(46)	(62)	(63)	(69)	(76)	(84
Attributable profit	(7,581)	553	(43,826)	11,211	8,771	12,91
Adjustment	7,323	1,404	49,251	(3,272)	1,974	2,70
Adjusted net profit (non-IFRS)	(304)	1,896	5,362	8,008	10,822	15,70
Yoy growth %						
Total revenue		2%	67%	50%	23%	25
Smartphones		-9%	65%	46%	15%	21
loT and lifestyle products		43%	89%	60%	41%	29
Internet services		102%	51%	65%	44%	379
Advertising		111%	46%	90%	55%	509
IVAS		90%	59%	32%	22%	6
Others		-39%	0%	70%	10%	5
Gross profit		169%	109%	44%	34%	379
(Loss)/profit for the year (reported)		na	na	na	-22%	479
Adjusted net profit (non-IFRS)		na	183%	49%	35%	459
Per share						
Basic EPS (IFRS)	(7.88)	0.51	(44.98)	0.50	0.39	0.5
Diluted EPS (IFRS)	(8)	1	(45)	0.50	0.39	0.5
Basic EPS (non-IFRS)	(0.31)	1.96	5.49	0.36	0.48	0.7
Diluted EPS (non-IFRS)	(0.31)	1.95	5.49	0.35	0.48	0.6

Operating matrix	2015	2016	2017	2018e	2019e	2020
Revenue mix						
Smartphones	80.4%	71.3%	70.3%	68.1%	63.4%	61.69
IoT and lifestyle products	13.0%	18.1%	20.5%	21.7%	24.9%	25.79
Internet services	4.8%	9.6%	8.6%	9.5%	11.0%	12.1
Advertising	2.7%	5.6%	4.9%	6.2%	7.8%	9.49
IVAS	2.1%	3.9%	3.7%	3.3%	3.3%	2.89
Others	1.7%	1.0%	0.6%	0.7%	0.6%	0.5
Smartphone shipment (million)	67	55	91	122	137	16
yoy %		-17%	65%	33%	13%	17
Smartphone ASP (Rmb)	807	880	881	965	980	1,01
yoy %		9.0%	0.2%	9.5%	1.6%	3.3
IoT and lifestyle product sales per smartphone	131	224	257	308	385	42
yoy %		71.5%	14.5%	20.0%	25.0%	10.0
IoT and lifestyle product sales per MIUI MAU	77	92	137	166	180	18
yoy %		18.9%	49.1%	21%	8%	3
End-of-the-period MIUI MAUs (millions)	112	135	171	226	294	36
yoy %		20%	27%	32%	30%	25
Internet ARPU (Rmb)	29	49	58	72	80	8
yoy %		68%	19%	25%	10%	10
Gross margin for hardware (%)	-0.20%	4.40%	8.70%	7.1%	7.3%	7.7
Gross margin for internet services segment (%)	64%	64%	60%	64%	65%	69
Advertising	91%	86%	82%	82%	80%	80
IVAS	30%	34%	32%	30%	30%	30
Non-IFRS net margin (%)	-0.5%	2.8%	4.7%	4.6%	5.1%	5.9
Operating margin (reported)	2.1%	5.5%	10.7%	-0.5%	4.9%	5.8
Cash conversion cycle (days)	-20	-35	-38	-35	-35	-3

Figure 15: Valuation comparison table (1) – Global smartphones and home appliance companies

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Code	Company		Price	(IIS¢ m)						(x)	BITDA					
		Curr.	26-Feb	(03\$111)	2018e	2019e	2020e	2018e	2019e	2020e	2019e	2020e	2018e	2019e	2018e	2019e
China smartphone	es & home appliance	es														
992 HK equity	Lenovo	HKD	7.1	11,036	na	19.1	15.3	(141.8)	387.4	25.0	0.2	0.2	12.7	6.9	32.8	11.1
000333 CH equity	Midea	CNY	47.4	46,910	15.3	13.7	12.0	17.1	11.9	13.9	1.1	1.0	11.8	10.6	14.3	12.9
000651 CH equity	Gree	CNY	44.9	40,351	9.9	9.5	8.6	22.2	4.1	10.5	1.4	1.2	5.8	6.1	6.3	6.9
600690 CH equity	Haier	CNY	16.5	15,540	13.6	12.3	10.8	8.5	10.3	13.3	0.5	0.5	9.0	8.0	11.8	10.4
000418 CH equity	Little Swan	CNY	56.0	4,939	20.2	17.3	14.6	16.4	16.6	18.2	1.3	1.1	16.7	14.1	18.2	15.5
1169 HK equity	Haier Electronics	HKD	23.2	8,160	14.3	11.2	11.1	12.8	27.4	1.2	0.6	0.5	8.1	7.2	9.1	8.3
000921 CH equity	Hisence Kelon	CNY	9.5	1,782	9.5	8.4	7.4	(32.4)	13.1	13.2	0.3	0.3	3.5	3.3	3.7	3.3
000521 CH equity	Meiling	CNY	3.7	556	20.4	17.6	27.0	496.8	16.2	(34.9)	0.2	0.2	na	na	na	na
Average					14.7	13.6	13.4	50.0	60.9	7.6	0.7	0.6	9.7	8.0	13.7	9.8
China kitchen & s	mall appliance															
002508 CH equity	Robam	CNY	25.4	3,610	15.7	14.3	12.7	4.9	10.1	12.3	3.0	2.7	13.2	12.2	14.1	13.1
002035 CH equity	Vatti	CNY	10.8	1,432	14.0	11.7	9.7	32.3	19.7	20.3	1.3	1.2	9.8	9.3	10.6	9.7
002242 CH equity	Joyoung	CNY	17.7	2,055	18.2	16.3	14.1	9.2	11.9	15.8	1.5	1.3	15.6	13.1	15.8	13.2
002032 CH equity	Supor	CNY	59.6	7,488	30.5	25.4	21.4	24.8	20.2	18.5	2.4	2.1	24.1	20.2	26.1	21.9
603868 CH equity	Flyco	CNY	41.9	2,741	20.5	18.1	16.0	6.8	13.7	12.9	4.0	3.6	15.2	13.7	na	na
603355 CH equity	Kingclean	CNY	24.4	1,446	19.9	15.8	13.0	33.0	26.3	21.6	1.4	1.3	13.3	9.9	13.6	10.8
Average					19.3	16.6	15.9	82.2	22.4	9.3	1.8	1.6	14.4	12.4	15.6	13.1
China TV																
751 HK equity	Skyworth Digital	HKD	2.6	998	15.8	7.1	5.3	(59.9)	100.9	33.3	0.2	0.1	8.1	4.7	16.2	7.1
1070 HK equity	TCL Multimidea	HKD	3.9	1,161	9.5	8.1	7.3	(13.6)	17.1	10.8	0.2	0.2	2.7	2.4	3.3	2.8
600060 CH equity	Hisence	CNY	9.6	1,900	12.4	10.0	9.3	8.3	24.7	6.9	0.3	0.3	13.8	8.7	11.4	8.8
Average					18.3	14.7	12.8	11.4	29.6	16.1	1.5	1.3	13.4	10.7	14.6	11.1
Global automation	n															
6954 JP equity	Faunc	JPY	19,080.0	34,816	19.9	24.8	31.0	42.5	(18.8)	. ,	6.1	6.4	12.1	16.0	14.0	20.4
6506 JP equity	Yaskawa Electric	JPY	3,350.0	7,910	21.6	19.5	22.2	95.0	12.9	(12.2)	1.8	1.8	12.8	12.9	15.7	16.5
KU2 GR equity	KUKA	EUR	61.4	2,779	42.3	24.2	19.2	(34.8)	75.2	26.2	0.7	0.7	8.2	na	na	na
ABB US equity	ABB	USD	20.5	44,404	19.4	16.0	14.8	na	21.1	8.4	1.3	1.3	12.5	10.4	18.1	14.2
300024 CH equity	Siasun Robotics	CNY	16.6	3,861	48.7	40.6	33.6	22.7	20.0	20.8	7.2	5.9	43.0	35.8	57.6	52.0
Average					24.0	19.7	18.8	18.8	22.7	7.1	2.4	2.2	14.8	13.8	19.2	18.0
Olabel	0 hr "															
	es & home applianc		474.5	000.045	44.0	45.5	40.5		/0.00	40.0					40.0	40.0
AAPL US equity	Apple	USD	174.3	822,015	14.8	15.2	13.5	28.9	(3.2)		3.2	3.1	8.5	9.2	10.3	10.9
005930 KS equity	Samsung Electronics		46,750.0	250,526	7.0	10.1	8.6	14.8	(36.6)		1.2	1.1	2.4	3.2	3.4	5.3
066570 KS equity	LG Electronics	KRW	70,500.0	10,572	8.2	9.4	7.5	(28.1)	1.6	24.9	0.2	0.2	4.2	4.4	6.8	8.0
6758 JP equity	Sony	JPY	5,331.0	62,020	14.0	8.8	11.9	568.7	58.4	(26.1)	0.8	0.8	5.7	5.0	8.3	7.1
6752 JP equity	Panasonic	JPY	1,037.0	23,113	11.9	9.8	10.0	57.3	5.1	(2.5)	0.3	0.3	4.8	4.3	8.5	7.4
WHR US equity	Whirlpool	USD	143.3	9,108	9.8	9.8	8.7	10.3	(3.7)		0.4	0.4	7.3	7.3	10.9	10.6
ELUXB SS equity	Electrolux	SEK	242.1	8,055	15.2	14.6	12.3	(16.2)	(1.0)		0.6	0.6	7.2	6.9	11.7	11.4
AOS US equity	AO Smith	USD	52.8	8,862	20.5	19.5	17.8	20.3	3.9	9.7	2.7	2.6	13.1	12.7	14.9	14.1
SK FP equity	SEB	EUR	139.8	7,980	16.8	14.8	13.3	3.3	13.2	11.3	1.0	0.9	10.8	9.9	13.8	12.7
5947 JP equity	Rinnai	JPY	7,450.0	3,468	16.9	18.8	17.4	(4.4)	(3.7)		1.1	1.1	5.8	6.0	7.6	7.6
Average					13.4	12.8	11.9	69.6	4.1	8.2	0.9	0.9	6.8	6.6	9.5	9.4

Priced as of 26 Feb 2019; Source: Bloomberg, company data, AMTD estimates

Figure 16: Valuation comparison table (2) – Global internet companies

Code	Company	Р	rice	Mkt Cap			Non-GAAP			P/S	(x)	EV/EE	BITDA
				(US\$ m)	PE	(x)	EPS 3yr%	PE/G	(x)				
		Curr.	1/3/2019		2018e	2019e	2018e-2020e	2018e	2019e	2019e	2020e	2018e	2019e
China Internet													
BABA US equity	Alibaba	USD	183.5	475,769	36.7	34.2	26.4%	1.8	1.7	8.5	6.2	29.1	26.0
700 HK equity	Tencent	HKD	343.0	414,330	34.7	29.5	29.4%	2.2	1.9	6.9	5.5	24.0	20.9
BIDU US equity	Baidu	USD	162.0	56,460	16.7	17.4	17.5%	1.0	1.0	3.2	2.7	12.6	13.8
JD US equity	JD.com	USD	26.6	38,470	112.0	53.8	48.9%	1.7	8.0	0.5	0.4	65.9	37.1
NTES US equity	Netease	USD	224.8	29,527	23.2	20.8	21.0%	na	na	2.4	2.0	18.7	14.9
CTRP US equity	Ctrip	USD	34.2	18,641	30.6	30.1	35.7%	0.9	0.9	3.4	2.9	34.8	28.4
WB US equity	Weibo	USD	74.3	16,569	28.0	24.5	39.2%	0.9	8.0	8.0	6.6	24.6	20.8
WUBA US equity	58.com	USD	73.3	10,857	27.1	23.1	31.7%	0.7	0.6	4.6	3.9	24.0	19.1
ATHM US equity	Autohome	USD	90.3	10,606	24.7	20.8	22.3%	na	na	8.2	6.8	20.8	17.0
SINA US equity	Sina	USD	68.8	4,919	22.9	19.5	45.3%	na	na	2.0	1.6	8.0	6.5
YY US equity	YY	USD	70.6	4,482	10.0	9.2	18.4%	0.5	0.4	1.6	1.4	6.1	5.0
VIPS US equity	Vipshop	USD	7.2	4,771	12.0	11.2	28.7%	na	na	0.4	0.3	7.4	6.3
2858 HK equity	Yixin	HKD	2.2	1,802	38.6	14.6	122.6%	na	na	1.9	1.5	76.8	29.1
MOMO US equity	Momo	USD	34.6	7,138	14.9	12.5	24.4%	0.5	0.4	3.0	2.5	11.9	9.6
BITA US equity	Bitauto	USD	18.5	1,344	13.8	11.8	29.3%	na	na	0.7	0.6	29.7	21.3
FANG US equity	Fang	USD	105.5	17,344	16.1	14.4	46.9%	1.0	0.9	4.2	3.1	13.8	7.0
BZUN US equity	Baozun	USD	38.5	2,199	40.8	25.3	48.2%	97.1	60.2	2.0	1.6	30.7	19.1
Average					29.6	21.9	37.4%	9.8	6.3	3.6	2.9	25.8	17.7
Average ex-Tence	nt				29.3	21.5	37.9%	10.5	6.7	3.4	2.8	25.9	17.6
Leading golobal I	Internet												
FB US equity	Facebook	USD	164.1	468,425	19.3	18.6	13.8%	0.9	8.0	6.8	5.6	13.0	11.8
GOOGL US equity	Google	USD	1,122.0	777,443	20.7	20.6	14.2%	1.4	1.4	5.9	5.0	13.3	11.4
AMZN US equity	Amazon	USD	1,636.4	803,804	56.8	44.9	35.2%	1.5	1.2	2.9	2.5	24.5	19.3
Average					32.3	28.0	21.1%	1.3	1.1	5.2	4.4	16.9	14.2

Priced as of 26 Feb 2019; Source: Bloomberg, company data, AMTD estimates

IMPORTANT DISCLOSURES								
AMTD Investment Ratings								
Industry Rating								
Overweight Neutral	Industry sector expected to outperform the market over the next 12 months Industry sector expected to perform in-line with the market over the next 12 months							
Underweight	Industry sector expected to underperform the market over the next 12 months							
Stock Rating								
Buy	Stock with potential return of over 20% over the next 12 months							
Hold	Stock with potential return of -20% to +20% over the next 12 months							
Sell	Stock with potential loss of over 20% over the next 12 months							

Analyst Certification

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